

EUPF-FV16 Preliminary Report

The Preliminary Report presented here contains the EUPF-FV16 results submitted by participant laboratories. Please take into consideration that this is purely a **preliminary evaluation**, given that the EUPF Panel has not yet evaluated these results. If you should find any anomalies, please contact us.

Table 1. Concentration of the pesticides in the test item (mg/kg)

Lab Code	Acetamiprid	Azinphos	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprothrinil	Diazinon	Difenoconazole	Endosulfan alpha	Endosulfan beta	Fenamiphos	Fenamiphos sulfone	Fenamiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Pirimicarb	Pyridaben	Spinosad	Tetraconazole
Lab001	0.617	0.252	0.498	2.711	3.907	0.548	0.575	0.080	0.851	1.023	0.905	9.503	0.110	8.050	0.845	0.239	0.068	0.137	0.819	0.140	0.101	0.103
Lab002	0.602	0.219	0.391	2.590	3.450	0.498	0.509	0.064	0.712	0.944	0.733	5.375	0.094	5.493	0.710	0.189	0.063	0.116	0.606	0.129	0.056	0.087
Lab003	0.677	0.301	0.522	0.600	3.814	ND	0.628	0.073	1.106	ND	ND	4.479	NA	NA	NA	0.285	ND	0.193	0.692	0.176	0.089	0.102
Lab004	0.670	NA	NA	NA	4.640	NA	0.680	0.097	1.030	NA	NA	7.050	NA	NA	0.820	NA	NA	NA	0.790	NA	NA	0.130
Lab005	NA	NA	NA	1.480	2.020	0.415	0.589	0.089	NA	1.150	0.920	NA	NA	NA	0.815	0.281	0.083	NA	0.749	NA	NA	NA
Lab006	0.429	0.297	0.379	2.710	2.764	0.387	0.383	0.086	0.452	0.782	0.721	5.327	0.053	4.599	0.590	0.185	0.051	0.096	0.478	0.111	0.088	0.088
Lab007	0.600	0.390	0.450	2.25	4.700	0.720	0.510	0.098	0.810	1.600	1.400	5.500	0.067	7.800	0.500	0.200	0.120	0.140	0.680	0.120	0.120	0.130
Lab008	0.598	0.338	0.436	NA	3.390	0.484	0.558	0.084	0.807	1.337	1.210	7.810	0.081	5.320	0.880	0.310	0.077	0.160	0.654	0.152	0.096	0.109
Lab009	0.630	0.250	0.360	1.850	3.550	0.360	0.520	0.068	0.790	0.960	0.950	7.000	0.110	8.500	0.550	0.240	0.070	0.160	0.720	0.140	NA	0.089
Lab010	0.650	0.270	0.610	2.580	1.600	0.570	0.860	0.110	NA	1.110	1.460	2.160	NA	NA	NA	0.310	0.090	NA	0.960	0.160	0.070	0.150
Lab011	0.650	0.230	0.510	1.500	3.400	0.560	0.490	0.085	1.200	1.400	1.200	7.400	0.140	6.600	0.990	0.240	0.076	0.170	0.800	0.160	0.100	0.130
Lab012	0.549	0.401	0.550	3.090	3.700	0.600	0.599	0.089	1.000	1.360	1.180	7.090	ND	NA	0.980	0.260	0.065	0.220	0.590	0.150	0.200	0.142
Lab013	0.762	0.264	0.466	2.570	3.830	0.553	0.708	0.089	0.945	1.080	1.030	7.690	0.147	7.380	0.920	0.296	0.107	0.189	0.795	0.151	0.101	0.132
Lab014	NA	NA	0.413	2.274	3.892	0.528	0.644	0.082	NA	2.080	0.700	5.215	NA	NA	0.640	0.255	ND	NA	0.386	0.201	NA	0.112
Lab015	0.615	0.258	0.453	2.640	3.060	0.490	0.534	0.111	0.995	0.997	0.906	9.950	0.106	5.870	0.749	0.310	0.098	0.283	0.789	0.133	0.085	0.107
Lab016	0.628	0.230	0.373	2.420	3.110	0.446	0.462	0.086	0.764	1.020	1.020	7.460	0.115	7.010	0.743	0.355	0.065	0.158	0.680	0.124	0.097	0.097
Lab017	0.750	0.278	0.523	1.750	3.670	0.462	0.648	0.088	0.532	1.160	0.715	8.940	0.148	7.080	0.940	0.234	0.071	0.156	0.798	0.153	0.094	0.107
Lab018	0.356	0.180	0.198	2.860	4.327	0.476	0.608	0.100	0.695	1.193	1.117	5.670	0.106	7.691	1.037	0.113	0.087	NA	0.347	0.144	NA	0.087
Lab019	0.522	0.240	0.463	1.364	3.438	0.499	0.486	0.065	0.685	0.915	0.906	4.502	0.131	6.539	0.820	0.250	0.073	0.110	0.780	0.117	0.055	0.096
Lab020	0.469	0.303	0.492	3.960	4.030	0.600	0.623	0.089	1.060	1.345	1.076	5.210	0.063	4.640	0.830	0.264	0.084	0.120	0.883	0.151	0.063	0.106
Lab021	0.630	0.290	0.440	2.130	3.410	0.500	0.510	0.079	0.840	1.020	0.890	4.260	0.200	3.790	0.870	0.200	0.079	0.160	0.750	0.120	0.088	0.099
Lab022	NA	NA	NA	NA	2.800	NA	NA	0.091	NA	1.300	0.990	NA	NA	NA	NA	NA	NA	NA	0.690	NA	NA	NA
Lab023	NA	NA	0.349	NA	3.180	0.300	0.465	0.066	0.635	0.689	0.668	8.350	0.130	7.560	0.692	0.186	0.044	NA	0.660	0.098	NA	NA
Lab024	0.603	NA	0.310	0.860	3.700	0.320	NA	0.090	0.790	NA	NA	NA	NA	NA	0.280	0.170	0.040	0.220	NA	NA	0.110	0.140
Lab025	0.737	0.206	0.351	1.937	2.398	0.584	0.399	0.087	0.898	0.335	0.557	4.030	0.210	3.050	0.828	0.179	0.057	0.156	0.520	0.131	0.094	0.085
Lab026	NA	NA	NA	2.297	6.173	0.689	0.812	0.090	NA	1.004	1.098	12.793	NA	NA	NA	0.456	0.092	NA	0.461	NA	NA	NA
Lab027	0.600	0.210	0.470	NA	4.050	0.550	0.590	0.082	0.940	1.250	0.980	8.300	0.099	6.970	0.850	0.220	0.066	0.150	0.710	0.071	0.085	0.085
Lab028	0.710	0.270	0.460	ND	4.320	0.340	0.590	0.100	0.910	1.140	0.930	8.850	0.090	6.220	1.190	0.370	0.090	NA	0.800	0.190	0.090	0.110
Lab029	0.633	NA	0.479	NA	4.060	NA	0.557	0.099	1.120	NA	NA	9.100	0.040	6.960	1.050	NA	NA	0.171	0.805	0.147	0.096	0.123
Lab030	0.727	0.217	0.562	1.382	2.460	0.463	0.561	0.067	0.813	0.888	0.531	6.030	NA	NA	0.501	0.183	0.083	0.201	0.763	0.173	0.064	0.097
Lab031	0.625	0.413	0.462	3.254	3.965	0.468	0.602	0.097	0.930	0.887	1.060	9.052	0.128	11.313	0.929	0.252	0.070	0.141	0.751	0.145	0.097	0.108
Lab032	0.730	0.210	0.550	2.520	3.400	0.520	0.710	0.100	1.360	1.070	0.980	7.570	0.096	5.990	0.620	0.170	0.070	0.180	0.800	0.150	0.250	0.180
Lab033	0.580	0.221	0.436	2.780	4.030	0.543	0.610	0.073	0.980	1.060	0.840	6.890	0.110	6.300	1.030	0.220	0.091	0.140	0.730	0.130	0.096	0.088
Lab034	0.790	0.270	0.510	NA	6.400	0.590	0.850	0.082	1.310	1.140	0.980	19.200	0.260	5.900	0.880	ND	ND	0.270	0.590	0.210	0.110	0.120
Lab035	NA	0.320	0.650	3.400	5.500	0.640	0.820	0.100	NA	1.200	1.000	9.600	NA	NA	NA	0.330	0.090	NA	0.650	0.230	NA	ND

Lab Code	Acetamiprid	Acinathrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difenoconazole	Endosulfan alpha	Endosulfan beta	Fenamiphos	Fenamiphos sulfone	Fenamiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Plimicarb	Pyridaben	Spinosad	Tetraconazole
Lab036	NA	0.233	0.514	2.610	3.520	0.508	0.596	0.080	0.936	1.130	0.963	NA	NA	NA	0.770	0.307	0.086	NA	0.633	0.146	NA	0.098
Lab037	NA	NA	NA	0.397	1.080	0.735	NA	0.081	NA	1.062	1.221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab038	0.450	0.280	0.450	3.200	3.700	0.620	0.560	0.090	1.100	0.950	0.900	NA	NA	NA	0.800	0.300	0.080	NA	0.700	0.130	NA	0.100
Lab039	NA	NA	NA	1.630	4.910	0.673	0.697	0.101	NA	NA	NA	12.700	NA	NA	NA	0.301	0.102	NA	0.887	NA	NA	NA
Lab040	0.750	0.314	0.470	3.000	3.600	0.629	0.650	0.096	0.995	1.300	1.100	8.600	0.150	7.500	0.990	0.250	0.086	0.220	0.820	0.170	0.123	0.080
Lab041	0.880	NA	0.640	NA	5.200	0.610	0.780	0.090	1.200	NA	NA	NA	NA	NA	NA	NA	0.100	0.230	1.000	0.230	0.210	0.100
Lab042	0.514	0.333	0.505	1.159	3.941	0.718	0.732	0.093	0.747	1.389	1.042	8.870	0.089	5.770	0.700	0.264	0.122	0.124	0.922	0.146	0.090	0.131
Lab043	NA	NA	0.494	2.160	3.500	0.540	0.779	0.102	NA	1.070	1.050	NA	NA	NA	0.743	NA	0.110	NA	0.840	NA	NA	NA
Lab044	0.680	0.244	0.533	3.260	4.140	0.591	0.605	0.084	1.100	1.210	1.030	NA	NA	NA	0.994	0.255	0.080	0.179	0.534	0.170	0.096	0.119
Lab045	NA	0.318	0.459	NA	4.420	0.519	0.758	0.099	1.190	1.480	1.290	8.510	NA	NA	NA	0.238	0.069	NA	0.759	0.133	NA	0.092
Lab046	0.739	0.262	0.542	2.280	4.820	0.619	0.643	0.085	0.884	1.340	1.180	8.320	0.130	6.320	1.020	0.235	0.069	0.182	0.775	0.124	0.088	0.113
Lab047	0.632	NA	0.513	NA	4.340	NA	0.632	0.069	0.836	NA	NA	7.740	0.088	7.920	0.750	NA	NA	0.179	0.640	0.185	0.058	0.107
Lab048	NA	NA	0.420	3.180	2.210	0.520	0.370	0.050	1.300	0.740	0.750	NA	NA	NA	0.540	0.170	0.080	NA	0.400	NA	NA	0.080
Lab049	0.756	0.160	0.490	2.217	3.605	0.411	0.591	0.086	0.843	0.892	0.949	7.301	0.112	6.192	0.823	0.312	0.050	0.186	0.718	0.146	0.178	0.115
Lab050	0.611	0.312	0.453	2.098	3.640	0.553	0.610	0.081	0.890	1.260	1.040	7.800	0.104	6.350	0.889	0.232	0.087	0.144	0.746	0.143	0.137	0.103
Lab051	0.503	0.249	0.567	1.614	3.331	0.517	0.694	0.060	0.942	1.238	1.154	6.112	0.052	4.712	0.787	0.267	0.088	0.152	0.696	0.123	0.116	0.115
Lab052	0.694	0.291	0.566	2.633	4.931	0.617	0.730	0.092	0.939	1.560	1.245	7.491	0.119	8.421	1.039	0.318	0.091	0.182	1.025	0.204	0.209	0.126
Lab053	0.610	0.220	0.500	2.570	3.790	0.510	0.660	0.082	0.950	1.240	1.210	7.660	0.120	5.630	0.860	0.240	0.074	0.180	0.710	0.160	0.100	0.120
Lab054	0.534	0.262	0.451	1.911	3.995	0.570	0.621	0.076	0.995	1.238	1.004	6.866	0.109	7.724	1.245	0.208	0.104	0.154	0.757	0.137	0.148	0.105
Lab055	0.640	0.330	0.480	1.300	4.100	0.550	0.620	0.100	0.960	1.220	1.060	8.780	0.150	7.390	1.100	0.250	0.100	0.225	0.800	0.160	0.080	0.125
Lab056	0.638	0.231	0.495	2.140	3.370	0.536	0.585	0.086	0.995	1.220	0.909	7.620	0.109	7.990	0.916	0.276	0.098	0.190	0.815	0.162	0.115	0.103
Lab057	0.720	0.275	0.500	3.260	4.270	0.600	0.607	0.077	0.990	1.270	0.858	8.100	0.120	7.410	0.960	0.261	0.072	0.210	0.795	0.156	0.092	0.104
Lab058	0.810	0.260	0.630	2.200	3.100	0.550	0.520	0.062	1.020	1.100	0.810	7.300	0.140	6.700	0.990	0.260	0.058	0.190	0.740	0.160	0.081	0.100
Lab059	0.620	0.240	NA	1.800	3.500	0.500	0.550	0.085	1.000	3.300	0.330	8.000	NA	NA	1.000	0.280	0.074	0.180	0.710	0.150	0.083	0.120
Lab060	0.624	0.251	0.475	2.390	4.400	0.526	0.611	0.073	1.060	1.110	0.985	9.090	0.107	6.910	0.865	0.252	0.066	0.193	0.835	0.147	0.091	0.103
Lab061	0.677	0.244	0.488	2.660	3.770	0.673	0.630	0.083	0.929	1.260	1.050	7.300	0.071	3.350	0.879	0.244	0.083	0.177	0.676	0.180	0.083	0.113
Lab062	0.558	0.233	0.336	1.492	2.656	0.491	0.438	0.077	0.726	0.403	0.718	6.547	0.092	5.833	0.736	0.178	0.063	0.123	0.682	0.098	0.088	0.100
Lab063	0.680	0.280	0.490	1.600	3.700	0.560	0.640	0.079	0.970	1.200	1.000	7.600	0.110	7.900	0.910	0.230	0.076	0.160	0.960	0.170	0.094	0.110
Lab064	NA	0.170	0.390	2.600	2.800	0.340	0.530	0.084	0.930	0.900	0.700	6.700	NA	NA	1.100	0.140	0.076	NA	0.810	0.094	NA	0.110
Lab065	0.655	ND	0.450	2.280	3.340	0.424	0.564	0.078	0.886	1.398	1.097	7.600	0.120	10.000	0.801	0.345	0.067	0.155	0.567	0.110	0.174	0.108
Lab066	0.630	0.180	0.360	1.200	2.570	0.340	0.470	0.070	0.750	2.080	0.700	6.600	0.100	5.450	0.660	0.170	0.060	0.140	0.700	0.120	0.090	0.080
Lab067	0.653	0.247	0.945	NA	3.310	0.558	0.796	0.102	1.320	1.400	1.040	8.680	0.154	8.660	0.912	0.130	0.088	0.184	0.745	0.153	0.105	0.124
Lab068	0.645	0.253	0.492	2.730	3.934	0.485	0.617	0.087	1.008	1.223	1.066	8.034	0.116	8.805	0.954	0.249	0.071	0.177	0.804	0.159	0.110	0.105
Lab069	0.447	0.274	0.531	1.330	5.980	0.569	0.660	0.088	0.885	1.550	1.460	0.663	0.232	ND	0.647	ND	0.087	NA	0.949	0.172	NA	0.110
Lab070	0.753	0.291	0.557	2.638	4.263	0.583	0.656	0.095	1.075	1.413	1.083	8.588	0.135	6.806	1.070	0.287	0.076	0.189	0.804	0.178	0.097	0.098
Lab072	0.625	0.268	0.444	1.636	3.326	0.542	0.614	0.079	0.867	1.137	0.875	6.300	0.129	5.780	0.791	0.239	0.076	0.157	0.730	0.148	0.081	0.098
Lab073	0.450	0.208	0.461	ND	0.750	0.471	0.632	0.075	0.867	0.075	0.075	0.060	0.060	0.060	0.680	0.226	0.103	0.153	0.815	0.144	0.091	0.092
Lab074	NA	0.261	NA	2.488	4.698	0.595	NA	0.092	1.299	1.450	1.145	NA	NA	NA	0.947	NA	0.059	NA	0.921	NA	NA	NA
Lab075	0.684	0.254	0.617	2.140	3.160	0.597	0.775	0.088	0.987	1.220	1.010	8.480	0.120	7.470	0.926	0.255	0.079	0.179	0.840	0.163	0.098	0.122
Lab076	0.644	0.208	0.422	2.290	3.180	0.485	0.560	0.073	0.752	0.871	0.752	7.380	0.101	6.620	0.738	0.228	0.049	0.153	0.716	0.119	0.076	0.088
Lab077	0.646	0.259	0.446	2.110	3.103	0.500	0.533	0.070	0.785	1.111	0.945	7.620	0.095	6.340	0.583	0.195	0.073	0.137	0.764	0.100	0.064	0.086
Lab078	0.596	0.206	0.395	1.462	2.654	0.470	0.441	0.065	0.658	0.982	0.763	5.946	0.106	5.261	0.683	0.200	0.055	0.129	0.630	0.114	0.060	0.095
Lab079	0.654	0.238	0.503	2.546	4.123	0.555	0.626	0.089	0.912	1.187	0.957	7.928	0.108	6.070	0.952	0.269	0.069	0.181	0.748	0.153	0.107	0.116
Lab080	0.671	0.254	0.503	1.271	3.652	NA	0.630	0.103	0.966	1.077	1.050	8.141	0.104	6.367	0.861	0.286	NA	0.165	0.796	0.204	NA	0.114

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Lab081	0.631	0.360	0.439	2.070	2.490	0.314	0.529	0.056	0.632	0.771	0.688	3.920	0.111	11.000	0.735	0.194	0.061	0.122	0.746	0.094	0.095	0.099
Lab082	0.615	0.220	0.474	1.950	3.220	0.436	0.451	0.094	0.931	0.946	0.834	5.900	0.111	5.810	0.998	0.230	0.075	0.160	0.744	0.168	0.096	0.121
Lab083	0.685	0.240	0.423	2.900	4.060	0.490	0.620	0.080	0.800	1.070	0.940	NA	NA	NA	1.330	0.240	0.110	ND	0.680	0.160	0.190	0.110
Lab084	0.590	0.240	0.440	2.700	3.700	0.640	0.520	0.070	0.970	1.070	0.930	6.700	0.098	6.200	1.070	0.230	0.089	0.200	0.580	0.160	0.100	0.093
Lab085	0.850	0.281	0.492	2.220	3.810	0.544	0.601	0.091	0.997	1.200	0.995	7.390	0.100	4.500	0.917	0.242	0.079	0.204	0.520	0.131	NA	0.114
Lab086	NA	0.309	0.497	NA	4.059	0.530	0.522	0.081	NA	1.058	1.063	NA	NA	NA	0.650	0.240	0.092	NA	0.692	0.168	NA	0.115
Lab087	0.730	NA	NA	2.900	3.800	0.500	0.600	0.083	0.880	1.400	1.100	NA	NA	NA	1.000	0.220	0.070	0.220	0.780	0.170	NA	0.100
Lab088	NA	NA	0.467	2.050	3.310	0.479	0.752	0.061	1.280	1.150	0.950	7.670	NA	NA	1.220	0.137	0.068	NA	0.704	0.122	NA	0.112
Lab089	0.941	0.285	0.494	2.120	4.230	0.569	0.650	0.082	1.060	1.290	1.070	6.950	0.083	6.870	0.953	0.264	0.097	0.111	0.767	0.156	0.136	0.104
Lab090	0.788	0.077	0.446	2.090	3.790	0.375	0.492	0.074	1.330	0.879	0.836	11.400	0.134	8.600	0.879	0.263	0.194	0.177	0.870	0.151	0.101	0.110
Lab091	0.842	0.500	0.489	2.530	3.971	0.450	0.599	0.100	0.975	1.234	0.975	7.538	0.114	6.572	0.696	0.217	0.082	0.189	1.014	0.135	NA	0.130
Lab092	NA	0.277	ND	2.106	3.168	0.529	0.669	0.070	NA	NA	NA	NA	NA	NA	0.737	NA	0.095	NA	NA	NA	NA	NA
Lab093	0.470	0.210	0.390	NA	3.600	0.360	0.640	0.098	0.980	1.180	1.040	7.880	0.110	7.700	0.550	0.260	0.056	0.120	0.600	0.120	0.120	0.110
Lab094	NA	NA	NA	2.550	3.330	NA	NA	0.074	NA	1.170	0.991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab095	0.392	0.351	0.488	ND	4.650	0.555	0.614	0.114	0.956	1.237	1.142	6.177	ND	4.331	1.021	0.213	0.088	0.151	0.820	0.149	0.062	0.113
Lab096	0.726	0.343	0.618	2.274	4.728	0.620	0.720	0.075	1.128	1.355	1.151	9.326	0.092	7.428	1.079	0.326	0.080	0.209	0.814	0.146	0.127	0.115
Lab097	0.632	0.255	0.465	1.780	3.000	0.528	0.473	0.062	0.835	1.120	0.960	6.870	0.033	7.690	1.048	0.207	0.085	0.134	0.592	0.150	0.155	0.095
Lab098	ND	0.270	0.430	0.550	4.590	0.490	0.570	0.070	0.390	1.110	0.810	9.200	NA	NA	NA	0.300	0.040	NA	0.780	NA	NA	NA
Lab099	0.810	0.260	0.480	2.200	3.900	0.560	0.540	0.081	0.970	1.300	1.000	7.700	NA	NA	0.750	0.280	0.066	0.190	0.640	0.180	0.084	0.080
Lab100	0.800	0.295	0.564	1.289	4.128	0.563	0.687	0.097	1.144	1.411	1.249	9.483	0.111	8.074	0.963	0.288	0.078	0.129	0.772	0.172	0.077	0.196
Lab101	0.590	0.240	0.480	2.010	3.030	0.580	0.530	0.084	0.810	1.090	1.050	6.210	0.100	6.100	0.790	0.230	0.072	0.160	0.620	0.120	0.100	0.100
Lab102	0.490	0.270	0.350	0.630	2.930	0.378	0.440	0.065	0.666	0.974	0.726	NA	NA	NA	0.750	0.230	0.069	NA	0.570	0.075	0.142	0.077
Lab103	0.580	0.270	0.520	2.700	4.100	0.520	0.570	0.083	1.000	1.300	1.100	8.400	0.094	6.000	0.960	0.280	ND	0.220	0.680	0.170	0.094	0.110
Lab104	0.577	0.271	0.394	2.320	3.310	0.503	0.540	0.074	0.839	1.090	0.915	6.410	0.097	6.240	0.785	0.239	0.074	0.129	0.732	0.161	0.078	0.090
Lab105	0.673	0.083	0.459	3.980	4.050	0.511	0.571	0.070	1.210	1.350	0.913	7.590	0.132	8.420	0.731	0.225	0.084	0.196	0.853	0.153	0.178	0.100
Lab106	0.630	0.360	0.570	0.950	3.500	0.630	0.570	0.082	1.300	1.300	1.100	7.500	0.110	5.400	1.030	0.480	0.084	0.140	0.850	0.130	0.098	NA
Lab107	0.830	0.282	0.494	2.230	3.960	0.579	0.657	0.094	0.973	1.280	1.020	7.400	0.080	4.750	1.010	0.264	0.079	0.205	0.638	0.163	0.092	0.125
Lab108	NA	0.280	NA	2.480	3.980	0.500	0.530	0.100	1.500	2.300	3.500	6.500	NA	NA	0.900	0.200	0.100	NA	0.700	ND	NA	0.070
Lab109	NA	NA	0.544	1.860	3.270	0.862	0.620	0.084	NA	1.230	0.920	NA	NA	NA	NA	NA	NA	NA	0.721	0.189	NA	NA
Lab110	0.651	0.281	0.515	2.165	4.332	0.664	0.628	0.090	1.033	1.182	1.170	7.793	0.116	6.689	0.975	0.268	0.076	0.181	0.765	0.171	0.089	0.120
Lab111	0.670	0.250	0.450	2.700	2.820	0.600	0.590	0.080	0.740	0.980	0.800	6.700	NA	NA	0.830	0.240	0.075	0.150	0.820	0.120	0.110	0.100
Lab112	0.650	0.250	0.540	2.300	4.400	0.570	0.580	0.110	0.930	1.200	1.000	8.200	0.140	7.900	0.950	0.240	0.067	0.190	0.730	0.160	0.081	0.120
Lab113	NA	0.350	NA	2.820	3.940	0.590	NA	NA	NA	1.220	0.990	NA	NA	NA	NA	NA	0.085	NA	NA	NA	NA	NA
Lab114	0.678	0.287	0.510	1.210	4.231	0.729	0.681	0.091	0.915	1.051	0.981	7.810	NA	NA	0.816	0.285	0.129	0.062	0.708	0.222	0.036	0.125
Lab115	0.740	0.270	0.560	2.600	4.300	0.570	0.700	0.100	1.100	1.460	1.440	8.300	0.110	7.400	1.100	0.270	0.089	0.220	0.990	0.180	0.110	0.110
Lab116	0.500	NA	0.400	NA	2.500	0.650	0.600	0.080	1.000	1.200	1.180	0.850	NA	3.600	0.870	NA	0.110	0.160	0.580	0.170	NA	0.120
Lab117	0.500	0.290	0.480	3.100	3.500	0.500	0.650	0.110	1.100	1.070	1.090	7.200	NA	NA	0.820	NA	0.095	0.180	0.780	0.200	0.096	NA
Lab118	0.581	0.219	0.449	3.880	4.060	0.367	0.578	0.097	0.891	1.620	1.140	5.740	0.123	9.290	0.881	0.138	0.072	0.170	0.660	0.200	0.091	0.100
Lab119	0.493	0.305	0.483	2.330	4.160	0.589	0.584	0.095	0.967	1.197	1.019	7.630	0.105	4.270	0.944	0.316	0.081	0.194	0.587	0.165	0.078	0.113
Lab120	0.677	0.185	0.454	1.200	3.680	0.490	0.465	0.104	0.884	0.985	0.827	0.827	NA	NA	1.020	0.224	0.095	0.155	0.590	NA	0.089	0.101
Lab121	0.632	0.227	0.602	NA	6.418	0.322	0.582	0.063	1.170	1.462	0.793	8.340	0.089	5.160	0.853	0.241	0.067	0.181	0.661	0.139	0.108	0.117
Lab122	0.688	0.255	0.446	3.400	3.600	0.518	0.587	0.083	0.995	1.190	0.879	6.898	0.103	6.317	0.818	0.226	0.095	0.160	0.658	0.161	0.074	0.102
Lab123	0.500	0.230	0.410	3.060	2.830	0.410	0.400	0.070	0.720	1.040	0.780	6.500	0.094	4.700	0.650	0.220	0.070	0.140	0.590	0.110	0.087	0.091
Lab124	NA	NA	NA	0.840	0.720	0.170	0.210	0.030	0.350	0.440	0.290	2.590	NA	NA	NA	0.110	0.010	NA	0.220	NA	NA	NA

Lab Code	Acetamiprid	Acinathrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difenoconazole	Endosulfan alpha	Endosulfan beta	Fenamiphos	Fenamiphos sulfone	Fenamiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Plimicarb	Pyridaben	Spinosad	Tetraconazole
Lab125	NA	0.290	NA	2.600	4.600	0.590	NA	0.091	1.100	1.300	1.200	NA	NA	NA	0.960	NA	0.079	NA	NA	NA	NA	0.120
Lab126	0.652	0.275	0.491	1.830	3.780	0.568	0.582	0.087	0.984	1.180	1.010	7.120	0.113	7.080	0.794	0.248	0.083	0.173	0.738	0.151	0.094	0.112
Lab127	0.810	0.240	0.530	9.700	5.000	NA	0.680	NA	NA	NA	NA	9.400	NA	NA	0.900	NA	0.130	0.210	NA	NA	0.150	0.087
Lab128	0.600	0.200	0.424	2.800	3.680	0.480	0.600	0.080	0.880	1.040	0.960	8.000	0.096	4.800	0.960	0.256	0.064	0.160	0.664	0.120	0.104	0.104
Lab129	NA	0.562	0.462	NA	3.369	0.651	0.599	0.088	1.073	1.065	0.912	NA	NA	NA	0.720	0.129	0.115	NA	NA	0.146	NA	0.097
Lab130	0.641	0.241	0.362	1.950	3.050	NA	0.512	0.072	0.902	1.000	0.871	NA	NA	NA	0.748	0.232	0.068	0.157	0.701	0.140	0.087	0.088
Lab131	0.876	0.213	0.362	2.000	3.200	0.515	0.538	0.069	0.865	1.000	0.859	6.800	0.082	4.100	0.828	0.218	0.070	0.137	0.623	0.139	0.069	0.084
Lab132	NA	NA	NA	NA	3.450	NA	NA	0.060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab133	0.580	0.198	0.479	2.670	4.230	0.496	0.537	0.063	0.844	0.957	0.912	8.270	0.104	6.130	0.775	0.272	0.069	0.153	0.728	0.152	0.093	0.097
Lab134	0.470	0.200	0.400	NA	3.110	0.480	NA	0.063	NA	1.070	0.900	NA	NA	NA	NA	0.120	0.062	0.120	0.720	NA	0.050	NA
Lab135	NA	NA	NA	ND	2.000	NA	NA	0.277	NA	0.489	0.318	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab136	0.630	0.263	0.501	1.471	2.929	0.601	0.498	0.095	0.776	1.019	0.881	9.017	0.114	6.422	0.820	0.244	0.066	0.155	0.632	0.118	0.114	0.096
Lab137	0.770	NA	0.499	2.760	3.540	0.605	0.600	0.086	0.953	1.160	0.988	5.300	NA	NA	0.802	NA	0.067	0.168	0.718	0.156	0.058	0.099
Lab138	0.622	0.298	0.454	1.140	3.670	0.456	0.640	0.081	0.885	1.170	0.918	7.160	0.109	6.700	0.836	0.224	0.059	0.143	0.741	0.133	0.082	0.103
Lab139	0.632	0.240	0.380	2.160	2.740	0.470	0.600	0.050	0.880	1.120	0.790	6.810	0.109	8.830	1.100	0.255	0.040	0.129	0.876	0.100	0.083	0.065
Lab140	0.670	0.230	0.370	2.200	2.900	0.430	0.510	0.060	0.780	1.030	0.910	6.400	0.110	11.000	0.810	0.200	0.060	0.170	0.690	0.098	0.090	0.060
Lab141	0.690	0.270	0.430	NA	3.890	0.640	0.510	0.094	1.060	1.320	1.000	8.540	0.200	7.050	0.460	0.220	0.077	0.280	0.720	0.160	0.170	0.190
Lab142	0.660	ND	0.430	NA	3.380	0.550	NA	0.070	1.030	1.300	0.940	NA	NA	NA	NA	NA	0.070	0.140	NA	NA	NA	0.120
Lab143	NA	ND	0.444	1.620	3.378	0.447	NA	0.083	NA	1.330	0.915	NA	NA	NA	NA	NA	0.084	NA	0.606	0.106	NA	NA
Lab144	0.640	NA	NA	NA	NA	0.589	NA	NA	NA	1.280	0.942	NA	NA	NA	NA	NA	0.077	NA	NA	NA	NA	NA
Lab145	0.582	0.238	0.519	2.280	3.330	0.479	0.646	0.087	1.050	0.551	0.434	6.470	0.096	6.100	0.959	0.227	0.060	0.152	0.795	0.135	0.155	0.110
Lab146	0.624	ND	0.401	ND	1.723	0.285	0.501	0.035	0.777	0.979	0.903	ND	ND	ND	0.627	0.190	ND	0.154	0.745	0.139	0.166	0.076
Lab147	0.510	0.380	0.500	2.580	3.910	0.710	0.730	0.092	1.240	1.260	1.100	7.200	0.140	8.000	0.920	0.250	0.080	0.160	0.910	0.140	NA	0.130
Lab148	NA	ND	0.750	NA	5.960	2.737	0.808	0.084	1.474	1.565	1.970	NA	NA	NA	1.250	NA	ND	NA	0.815	NA	NA	0.277
Lab149	0.226	0.415	0.484	2.262	2.057	0.520	0.526	0.084	0.627	0.997	0.879	2.101	NA	NA	0.506	0.171	0.073	0.240	0.301	0.104	0.073	0.095
Lab150	NA	0.300	0.620	NA	3.500	0.490	0.610	0.090	1.100	0.990	0.820	NA	NA	NA	1.200	0.400	0.090	NA	0.740	NA	NA	0.090
Lab151	0.636	0.216	0.449	1.160	3.040	0.466	0.549	0.075	0.669	1.020	0.813	3.230	0.113	1.520	1.310	0.232	0.056	0.142	0.894	0.154	0.121	0.094
Lab152	NA	NA	0.477	2.274	4.175	0.678	0.591	0.094	1.065	1.098	0.968	NA	NA	NA	0.951	0.208	0.086	NA	NA	0.155	NA	0.095
Lab153	0.645	0.375	0.522	1.690	3.850	0.518	0.591	0.092	0.958	1.258	1.113	5.520	0.120	3.420	0.749	0.198	0.101	0.235	0.710	0.160	NA	0.139
Lab154	NA	0.250	NA	2.200	4.000	0.550	NA	0.080	NA	1.300	1.030	NA	NA	NA	NA	NA	0.080	NA	NA	NA	NA	NA
Lab155	0.610	NA	0.420	2.000	4.300	0.540	0.500	0.100	0.780	1.100	0.530	6.150	0.085	6.650	0.720	0.300	0.110	0.230	0.720	0.180	0.063	0.130
Lab156	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.080	0.190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab157	0.530	0.230	0.280	0.380	2.190	0.350	0.230	0.090	0.600	0.400	0.320	4.100	0.090	8.630	0.400	0.220	0.060	0.070	0.720	0.200	0.070	0.360
Lab158	NA	0.240	0.440	0.540	1.090	0.470	0.520	0.060	NA	0.990	0.810	12.500	NA	NA	NA	0.260	0.070	NA	0.830	0.140	NA	NA
Lab159	0.500	NA	0.460	0.530	2.710	0.540	0.390	0.086	1.050	0.880	1.030	6.850	NA	NA	0.600	NA	NA	0.214	0.870	0.225	0.099	0.123
Lab160	0.572	0.414	0.460	2.150	4.490	0.840	0.290	0.085	0.524	1.430	1.150	10.970	0.130	10.130	0.735	0.243	0.140	0.106	0.612	0.220	0.139	0.101
Lab161	NA	0.201	0.453	1.950	3.370	0.427	0.530	0.770	0.990	1.200	1.040	6.920	NA	NA	0.850	0.240	0.073	NA	0.750	0.160	NA	0.100
Lab162	0.644	0.242	0.497	1.643	3.359	0.395	0.532	0.081	0.907	0.881	0.726	8.285	0.163	ND	0.824	0.318	0.101	0.161	0.789	0.164	0.091	0.104
Lab163	0.499	0.387	0.448	3.012	3.680	0.623	0.640	0.082	1.031	1.149	NA	NA	NA	NA	0.937	0.270	0.061	0.240	0.602	0.163	0.194	0.137
Lab164	0.548	0.083	0.371	1.241	7.318	0.450	0.606	0.077	0.752	1.140	0.974	7.004	0.301	15.629	0.666	ND	0.081	ND	0.655	0.142	0.252	0.100
Lab165	0.623	0.490	0.417	0.835	3.684	0.535	0.424	0.058	0.818	1.096	1.020	4.770	NA	NA	0.792	0.207	0.057	0.152	0.823	0.126	0.074	0.094
Lab166	0.696	0.274	0.440	1.090	3.230	0.474	0.589	0.087	1.180	1.010	0.936	5.620	0.040	7.210	0.854	0.261	0.075	0.159	0.709	0.171	0.082	0.103
Lab167	0.539	0.313	0.390	3.070	2.206	0.322	0.450	0.081	0.822	1.207	1.226	6.239	0.125	6.512	0.660	0.228	0.085	0.147	0.655	0.136	0.090	0.093
Lab168	NA	0.300	0.390	1.100	2.700	0.820	0.430	0.080	NA	0.890	0.950	NA	NA	NA	NA	NA	0.110	NA	0.470	NA	NA	NA

Lab Code	Acetamiprid	Acinathrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difenoconazole	Endosulfan alpha	Endosulfan beta	Fenamiphos	Fenamiphos sulfone	Fenamiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Plimicarb	Pyridaben	Spinosad	Tetraconazole
Lab169	0.435	0.237	0.389	NA	3.270	0.486	0.508	0.067	0.694	0.944	1.260	6.170	NA	NA	0.663	0.193	0.067	0.132	0.682	0.145	0.072	0.092
Lab170	NA	NA	0.100	3.060	0.920	NA	ND	ND	NA	0.240	0.210	4.030	NA	2.490	NA	NA	NA	NA	NA	NA	NA	NA
Lab171	0.600	0.280	0.460	2.600	4.000	0.580	0.700	0.120	1.100	1.200	0.990	7.900	0.110	5.300	0.760	0.340	0.066	0.210	0.660	0.190	0.130	0.170
Lab172	0.900	0.280	0.440	2.800	3.900	0.540	0.580	0.090	0.880	1.700	0.730	13.400	0.110	9.100	1.000	0.310	0.074	0.130	1.100	0.100	0.110	0.110
Lab173	0.670	0.300	0.490	3.120	4.430	0.600	0.610	0.090	1.080	1.280	1.060	5.620	0.100	7.280	0.970	0.260	0.080	0.210	0.860	0.170	0.170	0.120
Lab174	0.450	0.466	0.354	0.890	2.310	0.550	0.470	0.060	0.430	0.840	0.688	6.219	0.157	3.229	0.677	0.160	0.058	0.138	0.533	0.086	0.071	0.070
Lab175	NA	NA	NA	NA	3.500	0.570	NA	0.080	NA	1.200	1.200	NA	NA	NA	NA	NA	NA	NA	0.820	NA	NA	NA
Lab176	NA	NA	NA	1.140	5.860	NA	NA	0.185	NA	0.430	0.138	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab177	0.761	0.274	0.486	2.504	3.536	0.376	0.618	0.091	1.043	1.122	0.915	6.744	NA	NA	1.126	0.271	0.073	0.206	0.771	0.176	0.100	0.060
Lab178	0.694	0.223	0.444	2.348	4.082	0.444	0.575	0.061	1.077	1.120	1.020	7.627	0.115	7.662	0.863	0.210	0.054	0.137	0.785	0.124	0.091	0.095
Lab179	0.750	0.250	0.490	2.120	4.300	0.600	0.580	0.106	0.925	1.290	0.890	5.100	NA	NA	0.900	0.310	0.078	0.213	0.750	0.162	ND	0.081
Lab180	NA	NA	NA	ND	5.200	NA	NA	0.083	1.100	0.980	1.300	NA	NA	NA	0.640	NA	NA	0.150	0.720	0.160	NA	NA
Lab181	0.700	0.210	0.460	2.900	4.300	0.580	0.600	0.090	0.850	1.200	0.910	NA	NA	NA	0.880	0.260	0.066	NA	0.870	NA	NA	0.092
Lab182	0.598	0.245	0.422	2.320	3.630	0.568	0.644	0.093	0.930	1.160	1.040	6.140	0.125	7.380	0.693	0.263	0.088	0.175	0.784	0.142	0.093	0.124
Lab183	0.660	0.313	0.517	NA	3.930	0.476	0.457	0.085	0.935	NA	NA	9.507	NA	NA	1.030	0.300	0.072	0.194	0.795	0.185	0.092	0.176
Lab184	NA	NA	NA	0.780	3.270	0.020	NA	0.065	NA	0.660	0.500	3.227	NA	NA	NA	NA	0.050	NA	NA	NA	NA	NA

NA: Not analysed

ND: Not detected (False negative)

Table 2. z-Scores and Combined z-Scores. Category A Classification.

LabCode	z-Scores																				No. detected	No. of z-scores	AZ ²		
	Acetamidrid	Acritrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difencozole	Endosulfan alpha	Endosulfan beta	Femiphos	Femiphos sulfone	Femiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Pirimicarb	Pyridaben				Spinosad	Tetracozole
Lab001	-0.1	-0.2	0.2	1.0	0.3	0.2	-0.1	-0.1	-0.4	-0.4	-0.2	1.2	0.0	0.8	0.0	-0.1	-0.5	-0.8	0.5	-0.2	0.1	-0.1	22	22	0.2
Lab002	-0.2	-0.7	-0.7	0.8	-0.2	-0.2	-0.5	-0.9	-1.0	-0.7	-1.0	-1.0	-0.6	-0.7	-0.7	-0.9	-0.8	-1.3	-0.7	-0.5	-1.7	-0.7	22	22	0.7
Lab003	0.3	0.6	0.5	-2.9	0.2	-3.9	0.3	-0.5	0.7	-4.0	-4.0	-1.5	NA	NA	NA	0.7	-3.7	0.5	-0.2	0.7	-0.4	-0.1	15	19	
Lab004	0.2	NA	NA	NA	1.1	NA	0.6	0.7	0.4	NA	NA	-0.1	NA	NA	-0.2	NA	NA	NA	0.3	NA	NA	1.0	9	9	
Lab005	NA	NA	NA	-1.3	-1.8	-0.9	0.0	0.3	NA	0.0	-0.2	NA	NA	NA	-0.2	0.6	0.3	NA	0.1	NA	NA	NA	11	11	
Lab006	-1.3	0.5	-0.8	1.0	-1.0	-1.1	-1.4	0.1	-2.1	-1.3	-1.0	-1.1	-2.1	-1.2	-1.2	-1.0	-1.4	-1.7	-1.4	-1.0	-0.4	-0.6	22	22	1.5
Lab007	-0.2	2.0	-0.2	0.1	1.1	1.5	-0.5	0.7	-0.6	1.6	1.8	-1.0	-1.5	0.7	-1.7	-0.7	2.2	-0.7	-0.3	-0.8	0.9	1.0	22	22	1.3
Lab008	-0.2	1.2	-0.3	NA	-0.3	-0.3	-0.2	0.0	-0.6	0.7	1.0	0.3	-1.0	-0.8	0.1	1.1	-0.1	-0.2	-0.4	0.1	-0.1	0.2	21	21	0.3
Lab009	0.0	-0.2	-0.9	-0.6	-0.1	-1.3	-0.5	-0.7	-0.7	-0.7	-0.1	-0.2	0.0	1.1	-1.4	-0.1	-0.4	-0.2	-0.1	-0.2	NA	-0.6	21	21	0.4
Lab010	0.1	0.1	1.2	0.7	-2.3	0.3	1.9	1.3	NA	-0.1	2.1	-2.8	NA	NA	NA	1.1	0.6	NA	1.3	0.3	-1.1	1.7	17	17	
Lab011	0.1	-0.5	0.3	-1.2	-0.3	0.3	-0.7	0.1	1.1	0.9	1.0	0.1	1.1	0.0	0.6	-0.1	-0.1	0.0	0.4	0.3	0.1	1.0	22	22	0.4
Lab012	-0.5	2.1	0.7	1.7	0.0	0.6	0.1	0.3	0.2	0.7	0.9	-0.1	-3.6	NA	0.6	0.3	-0.7	1.2	-0.8	0.0	4.2	1.4	20	21	2.1
Lab013	0.8	0.0	0.0	0.7	0.2	0.2	0.8	0.3	0.0	-0.2	0.3	0.2	1.4	0.4	0.3	0.9	1.5	0.4	0.4	0.1	0.1	1.0	22	22	0.4
Lab014	NA	NA	-0.5	0.2	0.2	0.0	0.4	0.0	NA	3.2	-1.1	-1.1	NA	NA	-1.0	0.2	-3.5	NA	-1.9	1.4	NA	0.3	14	15	
Lab015	-0.1	-0.1	-0.1	0.8	-0.7	-0.3	-0.4	1.3	0.2	-0.5	-0.2	1.5	-0.1	-0.5	-0.5	1.1	1.0	2.7	0.3	-0.4	-0.5	0.1	22	22	0.7
Lab016	-0.1	-0.5	-0.8	0.4	-0.6	-0.6	-0.9	0.1	-0.8	-0.4	0.2	0.1	0.2	0.2	-0.5	1.8	-0.7	-0.3	-0.3	-0.7	0.0	-0.3	22	22	0.4
Lab017	0.7	0.2	0.5	-0.8	0.0	-0.5	0.4	0.2	-1.7	0.0	-1.0	0.9	1.4	0.3	0.4	-0.2	-0.4	-0.3	0.4	0.1	-0.2	0.1	22	22	0.4
Lab018	-1.8	-1.3	-2.3	1.2	0.7	-0.4	0.1	0.8	-1.1	0.2	0.6	-0.9	-0.1	0.6	0.9	-2.1	0.5	NA	-2.1	-0.1	NA	-0.7	20	20	1.3
Lab019	-0.7	-0.3	-0.1	-1.5	-0.2	-0.2	-0.7	-0.9	-1.1	-0.8	-0.2	-1.5	0.8	-0.1	-0.2	0.1	-0.3	-1.4	0.3	-0.9	-1.8	-0.3	22	22	0.7
Lab020	-1.1	0.6	0.2	3.3	0.4	0.5	0.2	0.3	0.5	0.7	0.5	-1.1	-1.7	-1.2	-0.1	0.3	0.3	-1.2	0.8	0.1	-1.4	0.0	22	22	1.1
Lab021	0.0	0.4	-0.2	-0.1	-0.3	-0.2	-0.5	-0.2	-0.4	-0.4	-0.3	-1.7	3.3	-1.7	0.1	-0.7	0.1	-0.2	0.1	-0.8	-0.4	-0.2	22	22	0.9
Lab022	NA	NA	NA	NA	-0.9	NA	NA	0.4	NA	0.5	0.1	NA	NA	NA	NA	NA	NA	NA	-0.2	NA	NA	NA	5	5	
Lab023	NA	NA	-1.0	NA	-0.5	-1.7	-0.8	-0.8	-1.3	-1.6	-1.2	0.6	0.8	0.6	-0.8	-1.0	-1.7	NA	-0.4	-1.4	NA	NA	16	16	
Lab024	-0.2	NA	-1.4	-2.4	0.0	-1.6	NA	0.3	-0.7	NA	NA	NA	NA	NA	-2.7	-1.2	-1.9	1.2	NA	NA	0.5	1.3	13	13	
Lab025	0.6	-0.9	-1.0	-0.4	-1.4	0.4	-1.3	0.2	-0.2	-2.8	-1.7	-1.8	3.7	-2.2	-0.1	-1.1	-1.1	-0.3	-1.2	-0.5	-0.2	-0.8	22	22	2.0
Lab026	NA	NA	NA	0.2	2.7	1.2	1.5	0.3	NA	-0.5	0.6	3.0	NA	NA	NA	3.5	0.7	NA	-1.5	NA	NA	NA	11	11	
Lab027	-0.2	-0.8	0.0	NA	0.4	0.2	0.0	0.0	0.0	0.4	0.1	0.6	-0.4	0.2	0.0	-0.4	-0.6	-0.5	-0.1	-2.1	-0.5	-0.8	21	21	0.4
Lab028	0.5	0.1	-0.1	-4.0	0.7	-1.4	0.0	0.8	-0.1	0.0	-0.1	0.9	-0.7	-0.3	1.6	2.1	0.6	NA	0.4	1.1	-0.3	0.2	20	21	1.4
Lab029	0.0	NA	0.1	NA	0.4	NA	-0.2	0.8	0.7	NA	NA	1.0	-2.5	0.2	0.9	NA	NA	0.0	0.4	-0.1	-0.1	0.7	15	15	
Lab030	0.6	-0.7	0.8	-1.5	-1.3	-0.5	-0.2	-0.8	-0.6	-0.9	-1.8	-0.7	NA	NA	-1.7	-1.0	0.3	0.7	0.2	0.6	-1.4	-0.3	20	20	0.9
Lab031	-0.1	2.3	-0.1	2.0	0.3	-0.4	0.1	0.7	-0.1	-0.9	0.4	1.0	0.7	2.8	0.3	0.1	-0.4	-0.7	0.1	-0.1	0.0	0.1	22	22	1.0
Lab032	0.6	-0.8	0.7	0.6	-0.3	-0.1	0.8	0.8	1.8	-0.3	0.1	0.2	-0.5	-0.4	-1.1	-1.2	-0.4	0.2	0.4	0.0	5.0	2.9	22	22	2.0
Lab033	-0.4	-0.6	-0.3	1.1	0.4	0.1	0.1	-0.5	0.1	-0.3	-0.5	-0.2	0.0	-0.2	0.8	-0.4	0.7	-0.7	0.0	-0.5	-0.1	-0.6	22	22	0.2
Lab034	1.0	0.1	0.3	NA	3.0	0.5	1.8	0.0	1.5	0.0	0.1	5.0	5.0	-0.4	0.1	-3.8	-3.5	2.4	-0.8	1.6	0.5	0.6	19	21	
Lab035	NA	0.9	1.5	2.2	2.0	0.9	1.6	0.8	NA	0.2	0.2	1.3	NA	NA	NA	1.4	0.6	NA	-0.4	2.2	NA	-3.6	14	15	
Lab036	NA	-0.4	0.4	0.8	-0.2	-0.1	0.1	-0.1	0.0	-0.1	0.0	NA	NA	NA	-0.4	1.0	0.4	NA	-0.5	-0.1	NA	-0.3	16	16	
Lab037	NA	NA	NA	-3.3	-2.8	1.6	NA	-0.1	NA	-0.3	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	6	
Lab038	-1.2	0.3	-0.2	1.9	0.0	0.7	-0.2	0.3	0.7	-0.7	-0.3	NA	NA	NA	-0.3	0.9	0.1	NA	-0.2	-0.5	NA	-0.2	17	17	
Lab039	NA	NA	NA	-1.0	1.4	1.1	0.7	0.9	NA	NA	NA	3.0	NA	NA	NA	0.9	1.2	NA	0.9	NA	NA	NA	9	9	
Lab040	0.7	0.8	0.0	1.5	-0.1	0.8	0.4	0.6	0.2	0.5	0.6	0.7	1.5	0.5	0.6	0.1	0.4	1.2	0.5	0.6	1.0	-1.0	22	22	0.6
Lab041	1.5	NA	1.5	NA	1.7	0.6	1.3	0.3	1.1	NA	NA	NA	NA	NA	NA	NA	1.1	1.4	1.5	2.2	4.6	-0.2	13	13	
Lab042	-0.8	1.1	0.3	-1.9	0.3	1.4	1.0	0.5	-0.8	0.8	0.3	0.9	-0.7	-0.5	-0.7	0.3	2.3	-1.1	1.1	-0.1	-0.3	1.0	22	22	0.9
Lab043	NA	NA	0.2	0.0	-0.2	0.1	1.3	0.9	NA	-0.3	0.4	NA	NA	NA	-0.5	NA	1.6	NA	0.6	NA	NA	NA	11	11	
Lab044	0.3	-0.3	0.5	2.0	0.5	0.5	0.1	0.0	0.7	0.2	0.3	NA	NA	NA	0.7	0.2	0.1	0.2	-1.1	0.6	-0.1	0.5	19	19	

LabCode	z-Scores																				No. detected	No. of z-scores	AZ ²		
	Acetamidrid	Acrithrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difencozole	Endosulfan alpha	Endosulfan beta	Femiphos	Femiphos sulfone	Femiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Pirimicarb	Pyridaben				Spinosad	Tetracozole
Lab045	NA	0.9	-0.1	NA	0.8	-0.1	1.2	0.8	1.0	1.2	1.4	0.7	NA	NA	NA	-0.1	-0.5	NA	0.2	-0.4	NA	-0.5	15	15	
Lab046	0.6	0.0	0.6	0.2	1.3	0.7	0.4	0.1	-0.3	0.7	0.9	0.6	0.8	-0.2	0.8	-0.1	-0.5	0.3	0.2	-0.7	-0.4	0.3	22	22	0.3
Lab047	0.0	NA	0.4	NA	0.7	NA	0.3	-0.7	-0.5	NA	NA	0.3	-0.8	0.8	-0.5	NA	NA	0.2	-0.5	1.0	-1.6	0.1	15	15	
Lab048	NA	NA	-0.4	1.9	-1.6	-0.1	-1.5	-1.6	1.5	-1.4	-0.9	NA	NA	NA	-1.5	-1.2	0.1	NA	-1.8	NA	NA	-1.0	14	14	
Lab049	0.8	-1.6	0.2	0.1	-0.1	-0.9	0.0	0.1	-0.4	-0.9	-0.1	0.0	0.1	-0.3	-0.1	1.1	-1.4	0.4	-0.1	-0.1	3.3	0.4	22	22	0.9
Lab050	-0.2	0.8	-0.1	-0.2	0.0	0.2	0.1	-0.1	-0.2	0.4	0.3	0.3	-0.2	-0.2	0.2	-0.2	0.5	-0.6	0.1	-0.2	1.6	-0.1	22	22	0.2
Lab051	-0.8	-0.2	0.8	-1.0	-0.4	-0.1	0.7	-1.1	0.0	0.3	0.8	-0.6	-2.1	-1.2	-0.3	0.4	0.5	-0.4	-0.2	-0.7	0.7	0.4	22	22	0.6
Lab052	0.4	0.4	0.8	0.8	1.4	0.7	1.0	0.4	0.0	1.4	1.2	0.1	0.4	1.1	0.9	1.2	0.7	0.3	1.6	1.5	4.5	0.8	22	22	1.8
Lab053	-0.2	-0.6	0.3	0.7	0.1	-0.1	0.5	0.0	0.0	0.3	1.0	0.2	0.4	-0.6	0.0	-0.1	-0.2	0.2	-0.1	0.3	0.1	0.6	22	22	0.2
Lab054	-0.6	0.0	-0.2	-0.5	0.4	0.3	0.2	-0.3	0.2	0.3	0.2	-0.2	0.0	0.7	1.8	-0.6	1.3	-0.4	0.1	-0.3	2.0	0.0	22	22	0.5
Lab055	0.0	1.0	0.1	-1.6	0.5	0.2	0.2	0.8	0.1	0.2	0.4	0.8	1.5	0.5	1.1	0.1	1.1	1.3	0.4	0.3	-0.7	0.8	22	22	0.6
Lab056	0.0	-0.5	0.2	-0.1	-0.3	0.1	0.0	0.1	0.2	0.2	-0.2	0.2	0.0	0.8	0.3	0.5	1.0	0.5	0.5	0.3	0.7	-0.1	22	22	0.2
Lab057	0.5	0.2	0.3	2.0	0.7	0.6	0.1	-0.3	0.2	0.4	-0.4	0.5	0.4	0.5	0.5	0.3	-0.3	0.9	0.4	0.2	-0.2	0.0	22	22	0.3
Lab058	1.1	0.0	1.4	0.0	-0.6	0.2	-0.5	-1.0	0.3	-0.2	-0.6	0.0	1.1	0.0	0.6	0.3	-1.0	0.5	0.1	0.3	-0.7	-0.2	22	22	0.4
Lab059	-0.1	-0.3	NA	-0.7	-0.2	-0.2	-0.3	0.1	0.2	5.0	-2.6	0.4	NA	NA	0.7	0.6	-0.2	0.2	-0.1	0.0	-0.6	0.6	19	19	
Lab060	-0.1	-0.2	0.1	0.4	0.8	0.0	0.2	-0.5	0.5	-0.1	0.1	1.0	-0.1	0.2	0.0	0.1	-0.6	0.5	0.6	-0.1	-0.3	-0.1	22	22	0.2
Lab061	0.3	-0.3	0.2	0.9	0.1	1.1	0.3	0.0	-0.1	0.4	0.4	0.0	-1.4	-2.0	0.1	0.0	0.3	0.2	-0.3	0.8	-0.6	0.3	22	22	0.4
Lab062	-0.5	-0.4	-1.1	-1.3	-1.1	-0.3	-1.0	-0.3	-0.9	-2.6	-1.0	-0.4	-0.6	-0.5	-0.6	-1.1	-0.8	-1.1	-0.3	-1.4	-0.4	-0.2	22	22	0.9
Lab063	0.3	0.3	0.2	-1.1	0.0	0.3	0.4	-0.2	0.1	0.2	0.2	0.2	0.0	0.8	0.3	-0.2	-0.1	-0.2	1.3	0.6	-0.2	0.2	22	22	0.2
Lab064	NA	-1.4	-0.7	0.8	-0.9	-1.4	-0.4	0.0	-0.1	-0.9	-1.1	-0.3	NA	NA	1.1	-1.7	-0.1	NA	0.4	-1.5	NA	0.2	17	17	
Lab065	0.1	-3.8	-0.2	0.2	-0.4	-0.8	-0.2	-0.2	-0.2	0.9	0.6	0.2	0.4	2.0	-0.3	1.7	-0.6	-0.4	-0.9	-1.0	3.1	0.1	21	22	1.6
Lab066	0.0	-1.3	-0.9	-1.8	-1.2	-1.4	-0.8	-0.6	-0.8	3.2	-1.1	-0.4	-0.3	-0.7	-0.9	-1.2	-0.9	-0.7	-0.2	-0.8	-0.3	-1.0	22	22	1.3
Lab067	0.1	-0.2	4.1	NA	-0.4	0.2	1.4	0.9	1.6	0.9	0.3	0.8	1.7	1.2	0.3	-1.9	0.5	0.3	0.1	0.1	0.3	0.7	21	21	1.5
Lab068	0.1	-0.2	0.2	1.0	0.3	-0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.3	1.3	0.5	0.1	-0.4	0.2	0.4	0.3	0.5	0.0	22	22	0.2
Lab069	-1.2	0.2	0.5	-1.6	2.5	0.3	0.5	0.2	-0.3	1.4	2.1	-3.6	4.5	-4.0	-1.0	-3.8	0.5	NA	1.2	0.6	NA	0.2	18	20	
Lab070	0.7	0.4	0.8	0.8	0.7	0.4	0.5	0.6	0.6	0.9	0.5	0.7	1.0	0.1	1.0	0.7	-0.1	0.4	0.4	0.8	0.0	-0.3	22	22	0.4
Lab072	-0.1	0.1	-0.2	-1.0	-0.4	0.1	0.2	-0.2	-0.3	0.0	-0.4	-0.5	0.7	-0.5	-0.3	-0.1	-0.1	-0.3	0.0	0.0	-0.7	-0.3	22	22	0.2
Lab073	-1.2	-0.8	-0.1	-4.0	-3.2	-0.4	0.3	-0.4	-0.3	-3.7	-3.7	-4.0	-1.8	-4.0	-0.8	-0.3	1.3	-0.4	0.5	-0.1	-0.3	-0.5	21	22	4.3
Lab074	NA	0.0	NA	0.6	1.1	0.5	NA	0.4	1.5	1.0	0.8	NA	NA	NA	0.4	NA	-1.0	NA	1.0	NA	NA	NA	11	11	
Lab075	0.3	-0.1	1.3	-0.1	-0.6	0.5	1.3	0.2	0.2	0.2	0.2	0.7	0.4	0.5	0.3	0.2	0.1	0.2	0.6	0.4	0.0	0.6	22	22	0.3
Lab076	0.1	-0.8	-0.4	0.2	-0.5	-0.3	-0.2	-0.5	-0.8	-1.0	-0.9	0.1	-0.3	0.0	-0.5	-0.3	-1.5	-0.4	-0.1	-0.8	-0.9	-0.6	22	22	0.4
Lab077	0.1	0.0	-0.2	-0.1	-0.6	-0.2	-0.4	-0.6	-0.7	-0.1	-0.1	0.2	-0.5	-0.2	-1.3	-0.8	-0.3	-0.8	0.2	-1.3	-1.4	-0.7	22	22	0.4
Lab078	-0.3	-0.9	-0.6	-1.3	-1.1	-0.4	-1.0	-0.9	-1.2	-0.6	-0.8	-0.7	-0.1	-0.8	-0.8	-0.7	-1.2	-1.0	-0.5	-0.9	-1.5	-0.4	22	22	0.8
Lab079	0.1	-0.4	0.3	0.7	0.5	0.2	0.3	0.3	-0.1	0.1	0.0	0.4	0.0	-0.3	0.5	0.4	-0.5	0.3	0.1	0.1	0.4	0.4	22	22	0.1
Lab080	0.2	-0.1	0.3	-1.7	0.0	NA	0.3	1.0	0.1	-0.3	0.4	0.5	-0.2	-0.2	0.0	0.7	NA	-0.1	0.4	1.5	NA	0.3	19	19	
Lab081	0.0	1.5	-0.3	-0.2	-1.3	-1.6	-0.4	-1.3	-1.3	-1.3	-1.1	-1.8	0.1	2.6	-0.6	-0.8	-0.9	-1.1	0.1	-1.5	-0.1	-0.2	22	22	1.3
Lab082	-0.1	-0.6	0.0	-0.4	-0.5	-0.7	-0.9	0.5	-0.1	-0.7	-0.5	-0.8	0.1	-0.5	0.7	-0.2	-0.2	-0.2	0.1	0.5	-0.1	0.6	22	22	0.2
Lab083	0.3	-0.3	-0.4	1.3	0.4	-0.3	0.2	-0.1	-0.6	-0.3	-0.1	NA	NA	NA	2.2	-0.1	1.6	NA	-0.3	0.3	3.8	0.2	18	18	
Lab084	-0.3	-0.3	-0.2	1.0	0.0	0.9	-0.5	-0.6	0.1	-0.3	-0.1	-0.3	-0.4	-0.3	1.0	-0.2	0.6	0.7	-0.8	0.3	0.1	-0.5	22	22	0.3
Lab085	1.3	0.3	0.2	0.1	0.2	0.1	0.1	0.4	0.2	0.2	0.1	0.1	-0.3	-1.3	0.3	0.0	0.1	0.8	-1.2	-0.5	NA	0.3	21	21	0.3
Lab086	NA	0.7	0.2	NA	0.4	0.0	-0.4	-0.1	NA	-0.3	0.4	NA	NA	NA	-1.0	-0.1	0.7	NA	-0.2	0.5	NA	0.4	14	14	
Lab087	0.6	NA	NA	1.3	0.1	-0.2	0.1	0.0	-0.3	0.9	0.6	NA	NA	NA	0.7	-0.4	-0.4	1.2	0.3	0.6	NA	-0.2	16	16	
Lab088	NA	NA	0.0	-0.2	-0.4	-0.4	1.1	-1.1	1.4	0.0	-0.1	0.2	NA	NA	1.7	-1.8	-0.5	NA	-0.1	-0.7	NA	0.3	16	16	
Lab089	1.9	0.4	0.2	-0.1	0.6	0.3	0.4	0.0	0.5	0.5	0.4	-0.2	-1.0	0.1	0.5	0.3	1.0	-1.4	0.2	0.2	1.6	0.0	22	22	0.5
Lab090	1.0	-2.8	-0.2	-0.2	0.1	-1.2	-0.7	-0.4	1.6	-0.9	-0.5	2.3	0.9	1.2	0.1	0.3	5.0	0.2	0.8	0.1	0.1	0.2	22	22	2.2
Lab091	1.3	3.6	0.2	0.6	0.3	-0.6	0.1	0.8	0.1	0.3	0.0	0.1	0.2	0.0	-0.7	-0.4	0.2	0.4	1.6	-0.4	NA	1.0	21	21	1.0
Lab092	NA	0.2	-3.9	-0.1	-0.5	0.0	0.6	-0.6	NA	NA	NA	NA	NA	NA	-0.6	NA	0.9	NA	NA	NA	NA	NA	8	9	
Lab093	-1.0	-0.8	0.7	NA	-0.1	-1.3	0.4	0.7	0.1	0.1	0.3	0.3	0.0	0.6	-1.4	0.3	-1.1	-1.2	-0.7	-0.8	0.9	0.2	21	21	0.6

LabCode	z-Scores																				No. detected	No. of z-scores	AZ ²		
	Acetamidrid	Acrithrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difencozole	Endosulfan alpha	Endosulfan beta	Femiphos	Femiphos sulfone	Femiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Pirimicarb	Pyridaben				Spinosad	Tetracozole
Lab094	NA	NA	NA	0.7	-0.4	NA	NA	-0.4	NA	0.1	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	5	
Lab095	-1.5	1.4	0.2	-4.0	1.1	0.2	0.2	1.5	0.0	0.3	0.7	-0.6	-3.6	-1.4	0.8	-0.5	0.5	-0.4	0.5	0.0	-1.5	0.3	20	22	2.0
Lab096	0.6	1.2	1.3	0.2	1.2	0.7	0.9	-0.4	0.8	0.7	0.8	1.1	-0.6	0.5	1.0	1.3	0.1	0.9	0.5	-0.1	1.2	0.4	22	22	0.7
Lab097	0.0	-0.1	0.0	-0.7	-0.7	0.0	-0.8	-1.0	-0.5	-0.1	0.0	-0.2	-2.8	0.6	0.9	-0.6	0.4	-0.8	-0.8	0.0	2.3	-0.4	22	22	0.9
Lab098	-3.9	0.1	-0.3	-3.0	1.0	-0.3	-0.1	-0.6	-2.3	-0.1	-0.6	1.1	NA	NA	NA	0.9	-1.9	NA	0.3	NA	NA	NA	14	15	
Lab099	1.1	0.0	0.1	0.0	0.3	0.3	-0.3	-0.1	0.1	0.5	0.2	0.2	NA	NA	-0.5	0.6	-0.6	0.5	-0.5	0.8	-0.6	-1.0	20	20	0.3
Lab100	1.0	0.5	0.8	-1.6	0.5	0.3	0.7	0.7	0.8	0.9	1.2	1.2	0.1	0.9	0.5	0.7	0.0	-1.0	0.2	0.6	-0.9	3.5	22	22	1.2
Lab101	-0.3	-0.3	0.1	-0.3	-0.7	0.4	-0.4	0.0	-0.6	-0.2	0.4	-0.6	-0.3	-0.3	-0.3	-0.2	-0.3	-0.2	-0.6	-0.8	0.1	-0.2	22	22	0.2
Lab102	-0.9	0.1	-1.0	-2.8	-0.8	-1.1	-1.0	-0.9	-1.2	-0.6	-1.0	NA	NA	NA	-0.5	-0.2	-0.5	NA	-0.9	-2.0	1.8	-1.1	18	18	
Lab103	-0.4	0.1	0.4	1.0	0.5	-0.1	-0.1	0.0	0.2	0.5	0.6	0.6	-0.6	-0.4	0.5	0.6	-3.5	1.2	-0.3	0.6	-0.2	0.2	21	22	0.8
Lab104	-0.4	0.1	-0.6	0.3	-0.4	-0.2	-0.3	-0.4	-0.4	-0.2	-0.2	-0.5	-0.4	-0.2	-0.3	-0.1	-0.2	-1.0	0.0	0.3	-0.8	-0.6	22	22	0.2
Lab105	0.2	-2.7	-0.1	3.3	0.4	-0.1	-0.1	-0.6	1.1	0.7	-0.2	0.2	0.8	1.1	-0.6	-0.3	0.3	0.6	0.7	0.1	3.3	-0.2	22	22	1.6
Lab106	0.0	1.5	0.9	-2.2	-0.2	0.8	-0.1	0.0	1.5	0.5	0.6	0.1	0.0	-0.7	0.8	3.9	0.3	-0.7	0.7	-0.5	0.0	NA	21	21	1.4
Lab107	1.2	0.3	0.2	0.1	0.3	0.4	0.5	0.5	0.1	0.5	0.2	0.1	-1.1	-1.1	0.7	0.3	0.1	0.8	-0.5	0.4	-0.2	0.8	22	22	0.3
Lab108	NA	0.3	NA	0.5	0.3	-0.2	-0.4	0.8	2.3	4.0	5.0	-0.4	NA	NA	0.2	-0.7	1.1	NA	-0.2	-3.7	NA	-1.3	15	16	
Lab109	NA	NA	0.6	-0.6	-0.4	2.5	0.2	0.0	NA	0.3	-0.2	NA	NA	NA	NA	NA	NA	NA	0.0	1.1	NA	NA	10	10	
Lab110	0.1	0.3	0.4	0.0	0.7	1.0	0.3	0.3	0.4	0.1	0.9	0.3	0.3	0.0	0.6	0.4	-0.1	0.3	0.2	0.6	-0.4	0.6	22	22	0.2
Lab111	0.2	-0.2	-0.2	1.0	-0.9	0.6	0.0	-0.1	-0.9	-0.6	-0.7	-0.3	NA	NA	-0.1	-0.1	-0.2	-0.5	0.5	-0.8	0.5	-0.2	20	20	0.3
Lab112	0.1	-0.2	0.6	0.2	0.8	0.3	-0.1	1.3	-0.1	0.2	0.2	0.5	1.1	0.8	0.4	-0.1	-0.6	0.5	0.0	0.3	-0.7	0.6	22	22	0.3
Lab113	NA	1.3	NA	1.2	0.3	0.5	NA	NA	NA	0.2	0.1	NA	NA	NA	NA	NA	0.4	NA	NA	NA	NA	NA	7	7	
Lab114	0.3	0.4	0.3	-1.8	0.6	1.5	0.6	0.4	-0.1	-0.3	0.1	0.3	NA	NA	-0.2	0.7	2.6	-2.5	-0.1	2.0	-2.5	0.8	20	20	1.6
Lab115	0.7	0.1	0.8	0.8	0.7	0.3	0.8	0.8	0.7	1.1	2.0	0.6	0.0	0.5	1.1	0.4	0.6	1.2	1.4	0.8	0.5	0.2	22	22	0.7
Lab116	-0.9	NA	-0.6	NA	-1.3	0.9	0.1	-0.1	0.2	0.2	0.9	-3.5	NA	-1.8	0.1	NA	1.6	-0.2	-0.8	0.6	NA	0.6	17	17	
Lab117	-0.9	0.4	0.1	1.7	-0.2	-0.2	0.4	1.3	0.7	-0.3	0.5	0.0	NA	NA	-0.2	NA	0.9	0.2	0.3	1.4	-0.1	NA	18	18	
Lab118	-0.3	-0.7	-0.2	3.1	0.4	-1.2	-0.1	0.7	-0.2	1.6	0.7	-0.8	0.5	1.6	0.1	-1.7	-0.3	0.0	-0.4	1.4	-0.3	-0.2	22	22	1.1
Lab119	-0.9	0.7	0.1	0.3	0.5	0.5	0.0	0.6	0.1	0.2	0.2	0.2	-0.1	-1.4	0.4	1.2	0.1	0.6	-0.8	0.4	-0.8	0.3	22	22	0.4
Lab120	0.3	-1.2	-0.1	-1.8	0.0	-0.3	-0.8	1.0	-0.3	-0.6	-0.6	-3.5	NA	NA	0.8	-0.3	0.9	-0.4	-0.8	NA	-0.4	-0.2	19	19	
Lab121	0.0	-0.5	1.1	NA	3.0	-1.6	0.0	-1.0	1.0	1.1	-0.7	0.6	-0.7	-0.9	0.0	0.0	-0.6	0.3	-0.4	-0.3	0.4	0.5	21	21	0.9
Lab122	0.3	-0.1	-0.2	2.2	-0.1	-0.1	0.0	0.0	0.2	0.1	-0.3	-0.2	-0.2	-0.2	-0.2	-0.3	0.9	-0.2	-0.4	0.3	-1.0	-0.1	22	22	0.3
Lab123	-0.9	-0.5	-0.5	1.6	-0.9	-0.9	-1.3	-0.6	-1.0	-0.4	-0.8	-0.4	-0.6	-1.2	-1.0	-0.4	-0.4	-0.7	-0.8	-1.0	-0.4	-0.5	22	22	0.7
Lab124	NA	NA	NA	-2.5	-3.2	-2.7	-2.6	-2.6	-2.5	-2.5	-2.8	-2.6	NA	NA	NA	-2.2	-3.5	NA	-2.8	NA	NA	NA	12	12	
Lab125	NA	0.4	NA	0.8	1.0	0.5	NA	0.4	0.7	0.5	1.0	NA	NA	NA	0.5	NA	0.1	NA	NA	NA	NA	0.6	11	11	
Lab126	0.1	0.2	0.2	-0.6	0.1	0.3	0.0	0.2	0.2	0.1	0.2	-0.1	0.1	0.3	-0.3	0.0	0.2	0.1	0.0	0.1	-0.2	0.3	22	22	0.0
Lab127	1.1	-0.3	0.5	5.0	1.5	NA	0.6	NA	NA	NA	NA	1.2	NA	NA	0.2	NA	2.7	0.9	NA	NA	2.1	-0.7	12	12	
Lab128	-0.2	-0.9	-0.4	1.1	0.0	-0.4	0.1	-0.1	-0.3	-0.4	0.0	0.4	-0.5	-1.1	0.5	0.2	-0.7	-0.2	-0.4	-0.8	0.2	0.0	22	22	0.3
Lab129	NA	4.6	-0.1	NA	-0.3	0.9	0.1	0.2	0.5	-0.3	-0.2	NA	NA	NA	-0.6	-1.9	1.9	NA	NA	-0.1	NA	-0.3	14	14	
Lab130	0.0	-0.3	-0.9	-0.4	-0.7	NA	-0.5	-0.5	-0.2	-0.5	-0.4	NA	NA	NA	-0.5	-0.2	-0.5	-0.3	-0.2	-0.2	-0.4	-0.6	18	18	
Lab131	1.5	-0.7	-0.9	-0.3	-0.5	-0.1	-0.3	-0.7	-0.3	-0.5	-0.4	-0.3	-1.0	-1.5	-0.1	-0.4	-0.4	-0.8	-0.6	-0.3	-1.2	-0.8	22	22	0.5
Lab132	NA	NA	NA	NA	-0.2	NA	NA	-1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	2	
Lab133	-0.4	-1.0	0.1	0.9	0.6	-0.2	-0.3	-1.0	-0.4	-0.7	-0.2	0.5	-0.2	-0.3	-0.4	0.5	-0.5	-0.4	0.0	0.1	-0.2	-0.3	22	22	0.2
Lab134	-1.0	-0.9	-0.6	NA	-0.6	-0.4	NA	-1.0	NA	-0.3	-0.3	NA	NA	NA	NA	-2.0	-0.8	-1.2	-0.1	NA	-2.0	NA	13	13	
Lab135	NA	NA	NA	-4.0	-1.8	NA	NA	5.0	NA	-2.3	-2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4	5	
Lab136	0.0	0.0	0.3	-1.3	-0.8	0.6	-0.6	0.6	-0.7	-0.5	-0.3	1.0	0.2	-0.1	-0.2	0.0	-0.6	-0.4	-0.5	-0.8	0.7	-0.3	22	22	0.3
Lab137	0.8	NA	0.3	1.1	-0.1	0.6	0.1	0.1	0.0	0.1	-1.1	NA	NA	-0.2	NA	-0.6	0.0	-0.1	0.2	-1.6	-0.2	18	18		
Lab138	-0.1	0.5	-0.1	-1.9	0.0	-0.5	0.4	-0.1	-0.3	0.1	-0.2	-0.1	0.0	0.0	-0.1	-0.3	-1.0	-0.6	0.1	-0.4	-0.7	-0.1	22	22	0.3
Lab139	0.0	-0.3	-0.8	0.0	-1.0	-0.4	0.1	-1.6	-0.3	-0.1	-0.7	-0.3	0.0	1.3	1.1	0.2	-1.9	-1.0	0.8	-1.3	-0.6	-1.5	22	22	0.8
Lab140	0.2	-0.5	-0.8	0.0	-0.8	-0.7	-0.5	-1.1	-0.7	-0.4	-0.2	-0.5	0.0	2.6	-0.2	-0.7	-0.9	0.0	-0.2	-1.4	-0.3	-1.7	22	22	0.8
Lab141	0.3	0.1	0.3	NA	0.2	0.9	-0.5	0.5	0.5	0.6	0.2	0.7	3.3	0.2	-1.8	-0.4	-0.1	2.6	-0.1	0.3	2.9	3.2	21	21	2.1

LabCode	z-Scores																				No. detected	No. of z-scores	AZ ²		
	Acetamidrid	Acirithrin	Buprofezin	Chlorothalonil	Chlorpyrifos	Cypermethrin	Cyprodinil	Diazinon	Difenocozole	Endosulfan alpha	Endosulfan beta	Femiphos	Femiphos sulfone	Femiphos sulfoxide	Fenhexamid	Fludioxonil	Lambda-Cyhalothrin	Methoxyfenozide	Pirimicarb	Pyridaben				Spinosad	Tetracozole
Lab142	0.2	-3.8	-0.3	NA	-0.3	0.2	NA	-0.6	0.4	0.5	-0.1	NA	NA	NA	NA	NA	-0.4	-0.7	NA	NA	NA	0.6	11	12	
Lab143	NA	-3.8	-0.2	-1.0	-0.3	-0.6	NA	0.0	NA	0.6	-0.2	NA	NA	NA	NA	NA	0.3	NA	-0.7	-1.2	NA	NA	10	11	
Lab144	0.0	NA	NA	NA	NA	0.5	NA	NA	NA	0.5	-0.1	NA	NA	NA	NA	NA	-0.1	NA	NA	NA	NA	NA	5	5	
Lab145	-0.3	-0.4	0.4	0.2	-0.4	-0.4	0.4	0.2	0.4	-2.1	-2.2	-0.4	-0.5	-0.3	0.5	-0.3	-0.9	-0.4	0.4	-0.4	2.3	0.2	22	22	0.8
Lab146	-0.1	-3.8	-0.6	-4.0	-2.1	-1.8	-0.6	-2.3	-0.7	-0.6	-0.2	-4.0	-3.6	-4.0	-1.1	-0.9	-3.5	-0.4	0.1	-0.3	2.8	-1.1	16	22	
Lab147	-0.8	1.8	0.3	0.7	0.3	1.4	1.0	0.4	1.2	0.4	0.6	0.0	1.1	-0.8	0.3	0.1	0.1	-0.2	1.0	-0.2	NA	1.0	21	21	0.6
Lab148	NA	-3.8	2.4	NA	2.5	5.0	1.5	0.0	2.2	1.4	4.2	NA	NA	NA	1.8	NA	-3.5	NA	0.5	NA	NA	5.0	11	13	
Lab149	-2.6	2.3	0.1	0.1	-1.8	-0.1	-0.4	0.0	-1.3	-0.5	-0.3	-2.8	NA	NA	-1.6	-1.2	-0.3	1.6	-2.4	-1.2	-1.0	-0.4	20	20	2.0
Lab150	NA	0.6	1.3	NA	-0.2	-0.3	0.1	0.3	0.7	-0.6	-0.6	NA	NA	NA	1.6	2.6	0.6	NA	0.1	NA	NA	-0.6	14	14	
Lab151	0.0	-0.7	-0.2	-1.9	-0.7	-0.5	-0.3	-0.4	-1.2	-0.4	-0.6	-2.2	0.1	-3.1	2.1	-0.2	-1.1	-0.7	0.9	0.1	0.9	-0.4	22	22	1.3
Lab152	NA	NA	0.1	0.2	0.6	1.1	0.0	0.5	0.5	-0.2	0.0	NA	NA	NA	0.4	-0.6	0.4	NA	NA	0.2	NA	-0.4	14	14	
Lab153	0.1	1.7	0.5	-0.9	0.2	-0.1	0.0	0.4	0.1	0.4	0.6	-1.0	0.4	-1.9	-0.5	-0.8	1.2	1.5	-0.1	0.3	NA	1.3	21	21	0.8
Lab154	NA	-0.2	NA	0.0	0.4	0.2	NA	-0.1	NA	0.5	0.3	NA	NA	NA	NA	NA	0.1	NA	NA	NA	NA	NA	8	8	
Lab155	-0.2	NA	-0.4	-0.3	0.7	0.1	-0.6	0.8	-0.7	-0.2	-1.8	-0.6	-0.9	0.0	-0.6	0.9	1.6	1.4	-0.1	0.8	-1.4	1.0	21	21	0.8
Lab156	NA	NA	NA	NA	NA	NA	NA	NA	NA	-3.7	-3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	2	
Lab157	-0.7	-0.5	-1.6	-3.3	-1.6	-1.3	-2.4	0.3	-1.5	-2.6	-2.7	-1.7	-0.7	1.2	-2.1	-0.4	-0.9	-2.4	-0.1	1.4	-1.1	5.0	22	22	3.9
Lab158	NA	-0.3	-0.2	-3.0	-2.8	-0.4	-0.5	-1.1	NA	-0.6	-0.6	2.9	NA	NA	NA	0.3	-0.4	NA	0.5	-0.2	NA	NA	14	14	
Lab159	-0.9	NA	-0.1	-3.0	-1.0	0.1	-1.3	0.1	0.4	-0.9	0.3	-0.2	NA	NA	-1.2	NA	NA	1.0	0.8	2.0	0.0	0.7	17	17	
Lab160	-0.4	2.3	-0.1	-0.1	0.9	2.4	-2.0	0.1	-1.8	1.0	0.8	2.0	0.8	2.1	-0.6	0.0	3.2	-1.5	-0.6	1.9	1.7	-0.2	22	22	F+
Lab161	NA	-0.9	-0.1	-0.4	-0.3	-0.8	-0.4	5.0	0.2	0.2	0.3	-0.2	NA	NA	0.0	-0.1	-0.3	NA	0.1	0.3	NA	-0.2	17	17	
Lab162	0.1	-0.3	0.2	-1.0	-0.3	-1.0	-0.4	-0.1	-0.2	-0.9	-1.0	0.6	2.0	-4.0	-0.1	1.2	1.2	-0.2	0.3	0.4	-0.3	0.0	21	22	1.3
Lab163	-0.9	1.9	-0.2	1.5	0.0	0.7	0.4	0.0	0.4	0.0	NA	NA	NA	NA	0.4	0.4	-0.9	1.6	-0.7	0.4	3.9	1.2	18	18	
Lab164	-0.6	-2.7	-0.8	-1.7	4.0	-0.6	0.1	-0.3	-0.8	0.0	0.0	-0.2	5.0	5.0	-0.9	-3.8	0.2	-3.8	-0.4	-0.2	5.0	-0.2	20	22	5.0
Lab165	-0.1	3.5	-0.4	-2.5	0.0	0.1	-1.1	-1.2	-0.5	-0.2	0.2	-1.4	NA	NA	-0.3	-0.6	-1.1	-0.4	0.5	-0.6	-1.0	-0.4	20	20	1.3
Lab166	0.4	0.2	-0.2	-2.0	-0.5	-0.4	0.0	0.2	1.0	-0.5	-0.1	-0.9	-2.5	0.3	0.0	0.3	-0.2	-0.3	-0.1	0.6	-0.7	-0.1	22	22	0.6
Lab167	-0.6	0.8	-0.7	1.6	-1.6	-1.6	-0.9	-0.1	-0.5	0.2	1.1	-0.6	0.6	-0.1	-0.9	-0.3	0.4	-0.5	-0.4	-0.4	-0.3	-0.5	22	22	0.6
Lab168	NA	0.6	-0.7	-2.0	-1.1	2.2	-1.1	-0.1	NA	-0.9	-0.1	NA	NA	NA	NA	NA	1.6	NA	-1.4	NA	NA	NA	11	11	
Lab169	-1.3	-0.4	-0.7	NA	-0.4	-0.3	-0.5	-0.8	-1.1	-0.7	1.2	-0.6	NA	NA	-0.9	-0.8	-0.5	-0.9	-0.3	-0.1	-1.1	-0.5	19	19	
Lab170	NA	NA	-3.1	1.6	-3.0	NA	-3.9	-3.5	NA	-3.2	-3.1	-1.8	NA	-2.5	NA	NA	NA	NA	NA	NA	NA	NA	7	9	
Lab171	-0.2	0.3	-0.1	0.8	0.4	0.4	0.8	1.8	0.7	0.2	0.1	0.3	0.0	-0.8	-0.4	1.6	-0.6	0.9	-0.4	1.1	1.3	2.5	22	22	0.9
Lab172	1.7	0.3	-0.2	1.1	0.3	0.1	-0.1	0.3	-0.3	1.9	-1.0	3.4	0.0	1.5	0.7	1.1	-0.2	-0.9	2.0	-1.3	0.5	0.2	22	22	1.4
Lab173	0.2	0.6	0.2	1.7	0.8	0.6	0.1	0.3	0.6	0.5	0.4	-0.9	-0.3	0.4	0.5	0.3	0.1	0.9	0.7	0.6	2.9	0.6	22	22	0.8
Lab174	-1.2	3.1	-1.0	-2.4	-1.5	0.2	-0.8	-1.1	-2.2	-1.1	-1.1	-0.6	1.8	-2.1	-0.8	-1.4	-1.0	-0.8	-1.1	-1.7	-1.1	-1.3	22	22	2.2
Lab175	NA	NA	NA	NA	-0.2	0.3	NA	-0.1	NA	0.2	1.0	NA	NA	NA	NA	NA	NA	NA	0.5	NA	NA	NA	6	6	
Lab176	NA	NA	NA	-1.9	2.4	NA	NA	4.9	NA	-2.5	-3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	5	
Lab177	0.8	0.2	0.1	0.6	-0.1	-1.1	0.2	0.4	0.4	-0.1	-0.2	-0.3	NA	NA	1.3	0.4	-0.3	0.8	0.2	0.7	0.1	-1.7	20	20	0.4
Lab178	0.4	-0.6	-0.2	0.3	0.5	-0.6	-0.1	-1.1	0.6	-0.1	0.2	0.2	0.2	0.6	0.0	-0.6	-1.2	-0.8	0.3	-0.7	-0.3	-0.4	22	22	0.3
Lab179	0.7	-0.2	0.2	-0.1	0.7	0.6	-0.1	1.1	-0.1	0.5	-0.3	-1.2	NA	NA	0.2	1.1	0.0	1.0	0.1	0.3	-3.6	-0.9	19	20	
Lab180	NA	NA	NA	-4.0	1.7	NA	NA	0.0	0.7	-0.6	1.4	NA	NA	NA	-1.0	NA	NA	-0.5	-0.1	0.3	NA	NA	9	10	
Lab181	0.4	-0.8	-0.1	1.3	0.7	0.4	0.1	0.3	-0.4	0.2	-0.2	NA	NA	NA	0.1	0.3	-0.6	NA	0.8	NA	NA	-0.5	16	16	
Lab182	-0.2	-0.3	-0.4	0.3	0.0	0.3	0.4	0.5	-0.1	0.0	0.3	-0.6	0.6	0.4	-0.8	0.3	0.5	0.1	0.3	-0.2	-0.2	0.7	22	22	0.2
Lab183	0.2	0.8	0.4	NA	0.3	-0.4	-0.9	0.1	0.0	NA	NA	1.2	NA	NA	0.8	0.9	-0.3	0.6	0.4	1.0	-0.2	2.7	17	17	
Lab184	NA	NA	NA	-2.6	-0.4	-3.8	NA	-0.9	NA	-1.7	-1.9	-2.2	NA	NA	NA	NA	-1.4	NA	NA	NA	NA	NA	8	8	

NA: Not analysed

False negatives are highlighted in yellow.
Laboratories that have reported a false positive and for that reason they have been removed from Category A are marked as F+.