



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Environmental Laboratory for Microbiological and Chemical Analysis

246- Khalid ben Alwaleed street, Jabal Al-Hussien

*(Hereinafter called the Organization) and hereby declares that Organization is accredited
in accordance with the recognized International Standard:*

ISO/IEC 17025:2017 & Meets the Requirements of the FDA Laboratory Accreditation for Analyses of Food (LAAF) Program

This accreditation demonstrates technical competence for a defined scope and the
operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated 2017):

Chemical and Microbiological Testing *(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

March 21, 2023

Issue Date:

June 27, 2023

Expiration Date:

September 30, 2025

Accreditation No.:

119463

Certificate No.:

L23-496

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

*The validity of this certificate is maintained through ongoing assessments based on a
continuous accreditation cycle. The validity of this certificate should be
confirmed through the PJLA website: www.pjlab.com*



Certificate of Accreditation: Supplement

Environmental Laboratory for Microbiological and Chemical Analysis

246- Khalid ben Alwaleed street, Jabal Al-Hussien
 Contact Name: Ms. Sondos Samara Phone: 0096-279-555-1641

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Food	Determination of Moisture Content *	Pearson's Composition and Food Analysis, page 378,337 1991 § Official Method Of Analysis AOAC 950.46-B loss on drying (Moisture) in Meat, 2018 (AOAC 2019 Online Official Method of Analysis AOAC 925.45-B, 2018, loss on Drying (moisture) in Sugars ((AOAC 2019 Online ver.)	LOD: 0.001 % Range: Up to 100 %
		Ash *	Pearson's Composition and Food Analysis, page 13, 1991	LOD: 0.001 % Range: Up to 100 %
		Determination of Total Fat *	Solvent Auto Extractor Test Methods (Modified Randall Method)- based on AOAC 2003.06, AOAC 963.15, AOAC 933.05, ISO 1443-1973	LOD: 0.001% Range: Up to 100 %
		Determination of Protein - Total Nitrogen *	Pearson's Composition and Analysis - Kjeldahl Procedure, page 16-20, 1991	LOD: 0.01 % Range: Up to 100 %
		Determination of Crude Fiber	Extractors Operating Manual - (Weende Method), page 18-20, 2012	LOD: 0.01 % Range: Up to 100 %
		Na, K,Ca, P *	Determination of (Na, K, Ca & P) in Food using SOP-C 7.2.1.29 Ver. 5.0 Dated 10.0.3.2021 by IC. Validated in-house method.	LOD.: 0.1 mg/Kg Range: Up to 1 000 mg/Kg (without dilution) if dilution applied the sample detection limit will be higher
		Total Sugars *	Determination of Total Sugars in food Using SOP-C 721.24 Ver. 4.0 dated 07.09.2022 B HPLC-RID Validated in-house method.	LOD 0.1 mg/Kg Range: Up to 1 000 mg/Kg (without dilution) if dilution applied the sample detection limit will be higher
		pH *	Determination of pH in food Samples using pH meter by SOP-C 7.2.1.30 Ver. 1.0 dated 12/03/2021. Validated in-house method.	LOD: 0.1 Range :1 to 14
		Sodium chloride *	Determination of Sodium chloride in food based on Pearson's composition and food analysis 1991.	LOD: 0.01 % Range: Up to 100 %
Iodine	Determination of Iodine in iodized salt using SOP-C 7.2.1.10 (based on AOAC 925.56).	LOD: 0.01 mg/Kg Range: Up to 1 000 mg/Kg (can be higher based on sample dilution)		



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Chemical ^F	Food	Peroxide Value	Determination Of Peroxide Value of oils & Fats using SOP-C 7.2. I .8 (based on AOAC 965.33).	LOD: 0.01meEq/Kg Range: Up to 300 mEq/Kg
		Free Fatty Acids	Determination of Free Fatty Acids in Crude & Refined Oils using SOP-C 7.2. I .7 (based on validated modified AOAC 940.28).	LOD: 0.01% Range: Up to 30 %
		Pesticide Residues*	Determination of pesticide residue using LCMSMS in food of plant origin as per EN15662:2018 as Annex 1: Pesticide list	LOD: 0.001 mg/Kg Range depends on sample dilution
		Heavy Metals (Cd, Pb, Zn, As, Cu) *	Determination Of (Cd, Pb, Zn, As, Cu) Heavy Metals in Food Using SOP-C 7.2.1.6 Ver. 1.0 dated 25/10/2019 Based on ICP-MS Validated In-House Method.	LOD: 0.5 µg/Kg Range depends on sample dilution
		Titration Acidity	SOP-C 7.2.1.39 based on AOAC 942.15	LOD: 0.01 % Range: Up to 100 %
	Water	Determination of (As, Cr, Cd, Cu, Ni, Zn, Hg, Mo, Se, U) *	Determination of (As, Cr, Cd, Cu, Ni, Zn, Hg, Mo, Se, U) Heavy Metals in Drinking Water Using SOP-C 7.2.1.6 Ver. I dated 25/10/2019 Based on ICP-MS Validated In-House Method	LOD: 0.5 µg/Kg Range depends on sample dilution
	Raw Materials and Pharmaceutical Products	Determination of Elements on Raw Material and Pharmaceutical Products by ICP-MS	SOP-E 6.4.0.28 Elemental Analysis by using ICP-MS (NexION2000B PerkinElmer) SOP- C 7.2.1.6 Chemical Preparation of USP 233§ USP 232. USP 730	LOD: 0.5 µg/Kg Range depends on sample dilution
	Detergents	Total Surface Active Agents	Determination of Total Surface Active Agents in Detergents Using SOP-C 72.1.19 dated 24/03/2020 based on ISO 2271: 1989 & ISO 2871-2:2010.	LOD: 0.1 % Range: Up to 100 %
		pH	Determination of pH in Detergents using pH Meter by SOP-C 7-2.1.30 Ver. 1.0 dated 12/03/2021. Validated in-house method.	LOD: 0.1 pH Range: 1 to 14 pH



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Chemical ^F	Detergents	Moisture	Determination of Moisture in Detergents Using SOP-C 7.2. I .28 Ver. I .0 dated 05/03/2021 Validated in-house method.	LOD: 0.001 % Range: Up to 100 %
	Raw Material and Finished Product	Assay of Drug Content by HPLC for Raw Materials, and Pharmaceutical Products	SOP-C7.2. I .14 Assay of Active Ingredient in Finished Product and Raw Material by HPLC USP 621	LOD: 0.01 mg/Kg (variable based on the tested chemical)
		Related Substance Test of Raw Materials and Pharmaceutical Products by HPLC Method	SOP-C7.2. I .15 Assay of Impurities and Related Substances in Finished Product and Raw Material by HPLC USP 621	LOD: 0.01 mg/Kg (variable based on the tested chemical)
		Assay of Drug Content by LC-MS for Raw Materials, and Pharmaceutical Products	SOP-C7.2. I .14 Assay of Active Ingredient in Finished Product and Raw Material by LC-MS USP-621, USP-1736	LOD: 0.001 mg/Kg (variable based on the tested chemical)
		Related Substance Test of Raw Materials and Pharmaceutical Products by LC-MS Method	SOP-C7.2. I .15 Assay of Impurities and Related Substances in Finished Product and Raw Material USP-621, USP-1736	LOD: 0.001 mg/Kg (variable based on the tested chemical)
		Determination of the Molecular Weight of an unknown Compound by LC-MS	SOP-C7.2. I .12 unknown Screening in Pharmaceutical and Non-Pharmaceutical Products by LC-MS USP 1736	Minimum Molecular Weight Measured is 20 and max is 2 000



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Microbiology ^F	Dairy Food	<i>Staphylococcus</i> Enumeration, using 3M Petrifilm Staph Express Count System	Association of Official Agricultural Chemists, AOAC 2003.08, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
	Processed and Prepared Food	<i>Staphylococcus</i> Enumeration, using 3M Petrifilm Staph Express Count System	Association of Official Agricultural Chemists, AOAC 2003.07, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
	Meat, Seafood and Poultry	<i>Staphylococcus</i> Enumeration, using 3M Petrifilm Staph Express Count	Association of Official Agricultural Chemists, AOAC 2003.11, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
	Selected Food	<i>Staphylococcus</i> Enumeration, using 3M Petrifilm Staph Express Count System	Association of Official Agricultural Chemists, AOAC 2001.05, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
	Food and Water	Coliform Enumeration, using 3M Petrifilm <i>E. coli</i> and Coliform Count System	Association of Official Agricultural Chemists, AOAC 991.14, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
		<i>E. coli</i> Enumeration, using 3M Petrifilm <i>E. coli</i> and Coliform Count System	Association of Official Agricultural Chemists, AOAC 991.14, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
		Aerobic Count, using 3M Petrifilm Aerobic Count System	Association of Official Agricultural Chemists, AOAC 990.12, 2019	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
	Food and Water	<i>Enterobacteriaceae</i> using 3M Petrifilm <i>Enterobacteriaceae</i> Count System	Association of Official Agricultural Chemists AOAC 2003.01, 2019 Food and Drug Administration	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
		<i>Clostridium perfringens</i> *	Chapter 16, Bacteriological Analytical Manual/ Food and Drug Administration BAM FDA, 2001	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)



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Microbiology ^F	Food	Presumptive <i>Bacillus cereus</i> Enumeration *	Chapter 14, Bacteriological Analytical Manual/ Food and Drug Administration BAM FDA <i>B. cereus</i> Enumeration 2020	D.L. = 10 CFU/g
		<i>L. monocytogenes</i> and <i>Listeria</i> spp. Enumeration *	Chapter 10, Bacteriological Analytical Manual/ Food and Drug Administration BAM FDA Detection and Enumeration of <i>L. monocytogenes</i> in Food, 2022	D.L. = 10 CFU/g
		<i>Campylobacter</i> Detection	Chapter 7. Bacteriological Analytical Manual/ Food and Drug Administration BAM FDA <i>Campylobacter</i> 2001	Positive / Negative
		<i>Salmonella</i> spp. Enumeration and Detection *	Chapter 5, Bacteriological Analytical Manual/ Food and Drug Administration BAM FDA, 2022	Positive / Negative
		<i>E. coli</i> O157	SOP-M 7.2.1.18 <i>E. coli</i> O157 Detection by PCR	Positive / Negative
		<i>Salmonella</i> spp.	SOP-M 7.2.1.19 <i>Salmonella</i> spp., <i>S. enteritidis</i> and <i>S. typhimurium</i> Detection by PCR	
		<i>Listeria</i> spp. and <i>L. monocytogenes</i>	SOP-C 7.2.1.20 <i>Listeria</i> spp. and <i>L. monocytogenes</i> detection by PCR	
		<i>Enterobacteriaceae</i> using Compact dry <i>Enterobacteriaceae</i> Count System *	SOP-M 7.2.1.4 ver 4.0- <i>Enterobacteriaceae</i> enumeration test method, issued date 25/03/2023 based on AOAC-RI - Certificate No. 012001-2023 AOAC-RI - Certificate No. 012001-2023	D.L. = 1 CFU/mL (liquids)
		Aerobic Count, using compact dry Aerobic Count System compact dry *	SOP-M 7.2.1.1 ver 4.0- Aerobic count enumeration test method, issued date 25/03/2023 based AOAC-RI - Certificate No. 010401-2023	D.L. = 10 CFU/g (solids)
		<i>Staphylococcus</i> Enumeration, using compact dry *	SOP-M 7.2.1.3 ver 4.0- <i>Staphylococcus aureus</i> enumeration test method, issued date 25/03/2023 based on AOAC-RI - Certificate No. 081001-2023	D.L. = 1 CFU/mL (liquids)
<i>Coliform</i> and <i>E. coli</i> Enumeration, using compact dry <i>E. coli</i> and Coliform Count System compact dry *	SOP-M 7.2.1.2 ver 5.0- <i>E. coli</i> /Coliform enumeration test method, issued date 25/03/2023 based on AOAC-RI - Certificate No. 110402-2023	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)		



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Microbiology ^F	Food	Yeast and Mold *	BAM/FDA chapter 18	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
		Yeast and Mold using compact dry Yeasts and Mold system	SOP-M 7.2.1.5 yeast and mold enumeration using compact dry system based on AOAC-RI certificate No. 092002	D.L. = 1 CFU/mL (liquids) D.L. = 10 CFU/g (solids)
	Non-sterile products	<i>S. aureus</i>	USP 61 (2019) Microbial examination of non sterile products: Enumeration tests.	D.L. = 10 CFU/g (solids)
		<i>E. coli</i> <i>S. aureus</i> Bile-tolerant gram-negative Bacteria (<i>P. aeruginosa</i> and <i>Salmonella</i>)	USP 62 (2019) Microbial Examination of non Sterile Products: Tests for Specified Microorganisms.	D.L. = 10 CFU/g (solids)
	Water	<i>Pseudomonas aeruginosa</i>	SOP-M 7.2.1.13 Issue 1 Version 3, 6/7/2020	D.L. = 1 CFU/mL (liquids)
		Detection and Enumeration of <i>Legionella</i>	ISO 11731:2017	D.L. = 1 CFU/mL (liquids)
		<i>Aerobic count Enumeration, using membrane filtration*</i>	Standard Methods for examination of water and wastewater, 23 rd edition - 2017 9215 D. Membrane Filter Method P-1148	D.L. = 1 CFU/mL (liquids)
		<i>Staphylococci aureus and Total staphylococci Enumeration, using membrane filtration*</i>	Standard Methods for examination of water and wastewater 23 rd – edition- 2017. Test for Staphylococci or Staphylococcus aureus 9213 B – Clause 6 method a -P1137	D.L. = 1 CFU/mL (liquids)
		<i>Coliform and E.coli Enumeration using membrane filtration*</i>	BS-EN ISO 9308-1:2014	D.L. = 1 CFU/mL (liquids)

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.
2. Presence of a (*) next to a test method means it is accredited under the FDA LAAF program.



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Annex 1: Pesticide list

Analyte	Analyte	Analyte
1 Methomyl-oxime	112 Carbofuran-3-keto	225 Triadimenol
2 MONITOR	113 Fenpiclonil	226 Imazalil
3 Ethiolat	114 Oxamyl	227 Spiroxamine
4 Oxamyl-oxime	115 Carbetamide	228 Quinalphos
5 Methomyl	116 Buturon	229 Mefenacet
6 Fenuron	117 Dicrotophos	230 Phoxim
7 Metolcarb	118 Carbofuran-3-hydroxy 119 Pirimicarb	231 Azaconazole
8 Allidochlor	120 Clomazone	232 Phosphamidon
9 Atrazine-desisopropyl	121 Diphenamid	233 Tolclofos-methyl
10 Pyroquilon	122 Chlorbufam	234 Desmedipham
11 MPMC	123 Cyanazine	235 Phenmedipham
12 XMC	124 Thiram	236 Fenhexamid
13 Propham	125 Dimetilan	237 Spirotetramat-enol
14 Acephate	126 Methacrifos	238 Flutriafol
15 Fuberidazole	127 Amicarbazone	239 Fenoxycarb
16 1-Naphthalene acetamide	128 Prometryn	240 Furalaxyl
17 Isocarbamide	129 Terbutryn-Prebane	241 Methidathion
18 Endothall	130 Methiocarb sulfoxide	242 Bioallethrin
19 Molinate	131 Ethiofencarb sulfoxide	243 Clofentezine
20 Atrazine-desethyl	132 Ethoprop	244 Allethrin
21 Propamocarb	133 cyanophos	245 Cumyruon
22 EPTC	134 Oxydemeton-methyl	246 Triallate
23 Tricyclazole	135 Dyfonate-Fonofos	247 Cyanofenphos
24 Dicyclanil	136 Terrazole-Etridiazole	248 Norflurazon
25 Carbendazim	137 Triazoxid	249 Fenamiphos
26 N,N-Diethyl-m-toluamide	138 Paraoxon-methyl	250 Fenpropimorph
27 Isoprocarb	139 Forchlorfenuron	251 Ziram
28 3,4,5-Trimethacarb	140 Linuron	252 Terbufos-sulfoxide
29 Chlordimeform	141 Clothianidin	253 Propaphos
30 Benzanilide	142 Heptenophos	254 Diazinon
31 Cycluron	143 Thiofanox-sulfone	255 Buprofezin
32 Cymoxanil	144 Prosulfocarb	256 Pirimiphos-methyl
33 Monuron	145 Thiacloprid	257 Tebuconazole
34 Thiabendazole	146 Hexazinone	258 Quinoxifen
35 Terbutylazine-desethyl	147 Desmethyl-formamido- pirimicarb	259 Fensulfothion
36 Fenfuram	148 Fenothiocarb	260 Edifenphos
37 Carbaryl	149 Irgarol	261 Diflubenzuron
38 Sebuthylazin-desethyl	150 Imidacloprid-olefin	262 Bromobutide
39 Dinotefuran	151 Diclomezine	263 pretilachlor
	152 Dimethametryn-Dimepax	264 Butachlor



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Analyte	Analyte	Analyte
1 Methomyl-oxime	112 Carbofuran-3-keto	225 Triadimenol
2 MONITOR	113 Fenpiclonil	226 Imazalil
3 Ethiolat	114 Oxamyl	227 Spiroxamine
4 Oxamyl-oxime	115 Carbetamide	228 Quinalphos
5 Methomyl	116 Buturon	229 Mefenacet
6 Fenuron	117 Dicrotophos	230 Phoxim
7 Metolcarb	118 Carbofuran-3-hydroxy 119 Pirimicarb	231 Azaconazole
8 Allidochlor	120 Clomazone	232 Phosphamidon
9 Atrazine-desisopropyl	121 Diphenamid	233 Tolclofos-methyl
10 Pyroquilon	122 Chlorbufam	234 Desmedipham
11 MPMC	123 Cyanazine	235 Phenmedipham
12 XMC	124 Thiram	236 Fenhexamid
13 Propham	125 Dimetilan	237 Spirotetramat-enol
14 Acephate	126 Methacrifos	238 Flutriafol
15 Fuberidazole	127 Amicarbazone	239 Fenoxycarb
16 1-Naphthalene acetamide	128 Prometryn	240 Furalaxyl
17 Isocarbamide	129 Terbutryn-Prebane	241 Methidathion
18 Endothall	130 Methiocarb sulfoxide	242 Bioallethrin
19 Molinate	131 Ethiofencarb sulfoxide	243 Clofentezine
20 Atrazine-desethyl	132 Ethoprop	244 Allethrin
21 Propamocarb	133 cyanophos	245 Cumyruron
22 EPTC	134 Oxydemeton-methyl	246 Triallate
23 Tricyclazole	135 Dyfonate-Fonofos	247 Cyanofenphos
24 Dicyclanil	136 Terrazole-Etridiazole	248 Norflurazon
25 Carbendazim	137 Triazoxid	249 Fenamiphos
26 N,N-Diethyl-m-toluamide	138 Paraoxon-methyl	250 Fenpropimorph
27 Isoprocarb	139 Forchlorfenuron	251 Ziram
28 3,4,5-Trimethacarb	140 Linuron	252 Terbufos-sulfoxide
29 Chlordimeform	141 Clothianidin	253 Propaphos
30 Benzanilide	142 Heptenophos	254 Diazinon
31 Cycluron	143 Thiofanox-sulfone	255 Buprofezin
32 Cymoxanil	144 Prosulfocarb	256 Pirimiphos-methyl
33 Monuron	145 Thiacloprid	257 Tebuconazole
34 Thiabendazole	146 Hexazinone	258 Quinoxyfen
35 Terbutylazine-desethyl	147 Desmethyl-formamido- pirimicarb	259 Fensulfthion
36 Fenfuram	148 Fenothiocarb	260 Edifenphos
37 Carbaryl	149 Irgarol	261 Diflubenzuron
38 Sebuthylazin-desethyl	150 Imidacloprid-olefin	262 Bromobutide
39 Dinotefuran	151 Diclomezine	263 pretilachlor
	152 Dimethametryn-Dimepax	264 Butachlor



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Analyte	Analyte	Analyte
85 Mevinphos	198 Fosthiazate	310 Epoxiconazole
86 Desmethyl-pirimicarb 87 Prometon	199 Metolachlor	311 Isofenphos-oxon
88 Cyprodinil	200 Difenoxuron	312 Fluridon
89 Methiocarb	201 Schradan	313 Tralkoxidym
90 Ethiofencarb	202 Ethofumesate	314 Fenarimol
91 Terbumeton	203 Vamidothion	315 Malathion
92 Dodine	204 Terbufos	316 Pyrethrins_Jasmolin_I
93 Ametryn	205 Imazamethabenz methyl	317 Dimethylvinphos
	206 Iprobenphos	
94 Metoxuron	207 Myclobutanil	318 Famoxadon
95 Tebuthiuron	208 TEPP	319 Pyributicarb
96 Trietazine	209 Isocarbofos	320 Ciodrin-Crotoxyphos
97 Terbutylazine	210 Isoprothiolane	321 Tetramethrin
98 Sebuthylazin	211 Chloroxuron	322 Butamifos
99 Dimethoate	212 Parathion	323 Isoxaben
100 Flonicamid	213 Thiamethoxam	324 Carpropamid
101 Propazine	214 Uniconazole	325 Tebufenpyrad
102 Demeton-S-methyl	215 Cyproconazole	326 Flurtamone
103 Fluometuron	216 Chlorbromuron	327 Pirimiphos-ethyl
104 Diuron-Karmex	217 Phorate sulfone	328 Iponazole
105 Siduron	218 Etrimfos	329 Flamprop-methyl
106 Tebutam	219 Coumatetralyl	330 Zoxamide
107 Chinomethionate	220 Triadimefon	331 Cloquintocet - mexyl
108 Thiofanox sulfoxide	221 Paclobutrazol	332 Fenbuconazole
109 Chlormephos	222 Simeconazole	333 Bitertanol
110 Lenacil	223 Pyrifenox	334 Dimefuron
111 Carboxin	224 Pethoxamid	334 Dimefuron
335 Bioresmethrin	382 Danitol-Fenpropathrin	429 Ethoxysulfuron
336 Resmethrin	383 Phosalone	430 Triasulfuron
337 Inabenfide	384 Anilofos	431 Dithiopyr
338 Etobenzanid	385 Picoxystrobin	432 Pyrazoxyfen
339 Oxadiargyl	386 Propargite	433 Fluthiacet-methyl
340 Pyridaphenthion	387 Methoxyfenozide	434 Azoxystrobin
341 Bifenox	388 Amidosulfuron	435 Difenoconazole
342 Tilt	389 Thiophanate	436 Diclosulam
343 Tepraloxydim	390 Tetraconazole	437 Trifloxystrobin
344 Boscalid	391 Profenofos	438 Metrafenone
345 Thiophanate-methyl	392 Quizalofop ethyl	439 Imibenconazole
346 Triflumizole	393 Pyrethrins_Pyrethrin_II	440 Bensulfuron methyl
347 Nitalin	394 Proquinazid	441 Spirodiclofen
348 Tolyfluanid	395 Mefenpyr-diethyl	442 Ethametsulfuron-methyl
349 Clodinafop-propargyl 350 Dursban	396 Pyrazophos	443 Mandipropamid
351 Fentrazamide	397 Spirotetramat	444 Carfentrazone-ethyl



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Analyte	Analyte	Analyte
352 Cafenstrole	398 Pyrethrins_Jasmolin_II	445 Pyraflufen-ethyl
353 Hexythiazox	399 Prochloraz	446 Cyflufenamid
354 Tebufenozide	400 Bromuconazole	447 Cinosulfuron
355 Piperophos	401 Haloxyfop-methyl	448 Ethiprole
356 Thiodicarb	402 Picolinafen	449 Chlorimuron ethyl
357 Beflubutamid	403 Pyrimidifen	450 Metosulam
358 Piperonyl butoxide	404 Teflubenzuron	451 Prosulfuron
359 Diclofop methyl	405 Metsulfuron methyl	452 Fenpyroximat
360 Chlorsulfuron	406 Fluxapyroxad	453 Fluacrypyrim
361 Cyhalofop-butyl	407 Benthiavalicarb-isopropyl	454 Haloxyfop-2-ethoxyethyl 455 Halosulfuron methyl
362 Chlorfenvinphos	408 Furathiocarb	456 Flumiclorac-pentyl
363 Triflumuron	409 Fluazifop-butyl	457 Propaquizafop
364 Florasulam	410 Tolfenpyrad	458 Tritosulfuron
365 Isoxaflutole	411 Ethion	459 Cyflumetofen
366 Isopyrazam	412 Sulfentrazone	460 Fipronil
367 Penthiopyrad	413 Thifensulfuron methyl	461 Fluoxastrobin
368 Isopyrazam	414 Pyraclostrobin	462 Fluoroglycofen-ethyl
369 Chlorthiophos	415 Dimethomorph 1	463 Flupyrsulfuron-methyl sodium
370 Pyrethrins_Cinerin_II	416 Dimethomorph 2	464 Primisulfuron-methyl 465 Sulfosulfuron
371 Pyraclofos	417 Thiencarbazone-methyl	466 Dioxathion
372 Oxyfluorfen	418 Clethodim Sulfone	467 Chlorantraniliprole
373 Fenoxaprop-ethyl	419 Cinidon-ethyl	468 Flucyclozuron
374 Coumaphos	420 Dialifos	469 Penoxsulam
375 Barnon	421 Rotenone	470 Butafenacil
376 Benzoximate	422 Diflufenican	471 Novaluron
377 Flufenacet	423 Chromafenozide	472 Triflusaluron-methyl 473 Fluvalinate
378 Tetrachlorvinphos	424 Tribenuron methyl	474 Mesosulfuron-methyl 475 Iodosulfuron methyl
379 Sulfometuron-methyl	425 Flucarbazone-Sodium	476 Indoxacarb
380 Meptyldinocap	426 Fluopyram	477 Spinosad A
381 Benzoylprop-ethyl	427 Naled	478 Spinosad D
382 Danitol-Fenpropathrin	428 Bensulide	479 Spinetoram (J)
480 Emamectin-B1a	482 Dicamba	484 Brominal -Bromoxynil 485 Warfarin
481 Terbacil	483 Fludioxonil	486 Ioxynil
487 Flubendiamide	---	---