

Certificate of Analysis

Sample Information

CTLA ID: 142452
Date Received: 7/10/2025
Sample Name: Magnesium Mix
Lot Number: F9F77
Customer: Factory 6

Analysis	Method	MDL	Specification	Result	Units
Rapid Complete Micro					
Total Aerobic Microbial Count (USP)	USP <2021>	100	≤1,000	<100	cfu/g
Total Coliforms (BAM) (MOD)	BAM CH. 4 (MOD)	10	Report	<10	cfu/g
E.Coli BAM (MOD)	BAM CH. 4 (MOD)		Report	Absent	
<i>Salmonella</i>	USP <2022>		Report	Absent	
<i>Staphylococcus aureus</i> <2022>	USP <2022>		Report	Absent	
Rapid Yeast and Mold	AOAC 2014.05	10	≤100	<10	cfu/g
Heavy Metals					
Arsenic	<USP 233>	.001	Report	0.013	ppm
Cadmium	<USP 233>	.001	Report	<0.001	ppm
Mercury	<USP 233>	.001	Report	<0.001	ppm
Lead	<USP 233>	.001	Report	0.015	ppm
Pesticides (59)					
Abamectin	LCMS		Report	ND	µg/g
Acephate	LCMS	.1	Report	ND	µg/g
Acequinocyl	LCMS	.0273	Report	ND	µg/g
Acetamiprid	LCMS		Report	ND	µg/g
Aldicarb	LCMS		Report	ND	µg/g
Azoxystrobin	LCMS		Report	ND	µg/g
Bifenazate	LCMS	.0022	Report	ND	µg/g
Bifenthrin	LCMS	.0022	Report	ND	µg/g
Boscalid	LCMS		Report	ND	µg/g
Carbaryl	LCMS		Report	ND	µg/g
Carbofuran	LCMS		Report	ND	µg/g

Results with an asterisk (*) indicate specifications may exceed California Proposition 65 limit for Heavy Metals. Refer to Customer Specifications.

7/18/2025

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit. This document is not to be altered or reproduced except by the original authorizing body (CTLA)

Certificate of Analysis

Sample Information

CTLA ID: 142452
Date Received: 7/10/2025
Sample Name: Magnesium Mix
Lot Number: F9F77
Customer: Factory 6

Analysis	Method	MDL	Specification	Result	Units
Chlorantraniliprole	LCMS		Report	ND	µg/g
Chlorfenapyr	LCMS	.0158	Report	ND	µg/g
Chlorpyrifos	LCMS	.0025	Report	ND	µg/g
Clofentezine	LCMS		Report	ND	µg/g
Cyfluthrin	LCMS	.028	Report	ND	µg/g
Cypermethrin	LCMS	.0044	Report	ND	µg/g
Daminozide	LCMS	.0029	Report	ND	µg/g
DDVP (Dichlorvos)	LCMS	.0101	Report	ND	µg/g
Diazinon	LCMS	.5	Report	ND	µg/g
Dimethoate	LCMS		Report	ND	µg/g
Ethoprophos	LCMS	.0044	Report	ND	µg/g
Etofenprox	LCMS	.0007	Report	ND	µg/g
Etoxazole	LCMS		Report	ND	µg/g
Fenoxycarb	LCMS		Report	ND	µg/g
Fenpyroximate	LCMS		Report	ND	µg/g
Fipronil	LCMS		Report	ND	µg/g
Flonicamid	LCMS	.0016	Report	ND	µg/g
Fludioxonil	LCMS	.0071	Report	ND	µg/g
Hexythiazox	LCMS		Report	ND	µg/g
Imazalil	LCMS		Report	ND	µg/g
Imidacloprid	LCMS	.0024	Report	ND	µg/g
Kresoxim-methyl	LCMS		Report	ND	µg/g
Malathion	LCMS	.0027	Report	ND	µg/g
Metalaxyl	LCMS		Report	ND	µg/g
Methiocarb	LCMS		Report	ND	µg/g
Methomyl	LCMS		Report	ND	µg/g

Results with an asterisk (*) indicate specifications may exceed California Proposition 65 limit for Heavy Metals. Refer to Customer Specifications.

7/18/2025

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit. This document is not to be altered or reproduced except by the original authorizing body (CTLA)

Certificate of Analysis

Sample Information

CTLA ID: 142452
Date Received: 7/10/2025
Sample Name: Magnesium Mix
Lot Number: F9F77
Customer: Factory 6

Analysis	Method	MDL Specification	Result	Units
Methyl parathion	LCMS	.0146 Report	ND	µg/g
MGK-264	LCMS	.01 Report	ND	µg/g
Myclobutanil	LCMS	.0326 Report	ND	µg/g
Naled	LCMS	.0029 Report	ND	µg/g
Oxamyl	LCMS	Report	ND	µg/g
Paclobutrazol	LCMS	.0057 Report	ND	µg/g
Permethrins	LCMS	.029 Report	ND	µg/g
Phosmet	LCMS	.05 Report	ND	µg/g
Piperonyl_butoxide	LCMS	Report	ND	µg/g
Prallethrin	LCMS	.0038 Report	ND	µg/g
Propiconazole	LCMS	Report	ND	µg/g
Propoxur	LCMS	Report	ND	µg/g
Pyrethrins	LCMS	.0154 Report	ND	µg/g
Pyridaben	LCMS	Report	ND	µg/g
Spinosad	LCMS	.0001 Report	ND	µg/g
Spiromesifen	LCMS	Report	ND	µg/g
Spirotetramat	LCMS	Report	ND	µg/g
Spiroxamine	LCMS	Report	ND	µg/g
Tebuconazole	LCMS	Report	ND	µg/g
Thiacloprid	LCMS	0 Report	ND	µg/g
Thiamethoxam	LCMS	.0008 Report	ND	µg/g
Trifloxystrobin	LCMS	.0012 Report	ND	µg/g

ND=None Detected

Results with an asterisk (*) indicate specifications may exceed California Proposition 65 limit for Heavy Metals. Refer to Customer Specifications.

7/18/2025

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit. This document is not to be altered or reproduced except by the original authorizing body (CTLA)