

Prepared For

Customer Mavi Goods
 Email jason.mpabst@gmail.com
 Phone -
 Address -

Lab Contact

Name Lev Spivak-Birndorf
 Email lev@lightlabs.com
 Phone (737) 237-8951
 Address 600 South Wagner Road, #400
 Ann Arbor, MI 48103

General Information

Name Mavi Goods Ritual Cacao
 Lot -
 Notes -

Date Received	2025-09-29	Assay	Glyphosate / AMPA
Date Tested	2025-10-02	Method	LC-MS/MS / LLMTDC
Test	22720	Location	In-house
Order	1833	Serving Size	20.0 grams

Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Concentration (µg/serving)	Status
Glyphosate	10.02		ND	Below LOQ	
AMPA	10.02		ND	Below LOQ	

Results Approved By


Lev Spivak-Birndorf, Lab Director
 Date Released: 10/20/2025



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Date Received 2025-12-15
 Date Tested 2025-12-19
 Test 37957
 Order 3257

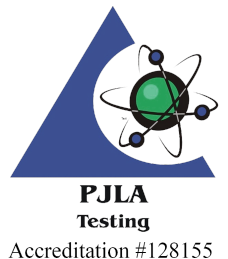
Assay Method Heavy Metals
 Location LLMTDA1
 Serving Size In-house
 20.0 grams

Analyte	LOQ	Limit	Result	Status
Arsenic	0.69 ppb	500 ppb	81.9 ppb (1.637972 µg/serving)	In-spec
Cadmium	0.12 ppb	205 ppb	82.92 ppb (1.65842 µg/serving)	In-spec
Lead	1.94 ppb	100 ppb	53.47 ppb (1.069486 µg/serving)	In-spec
Mercury	0.75 ppb	15 ppb	1.94 ppb (0.038854 µg/serving)	In-spec

LLMTDA is a method developed at Light Labs, Ann Arbor MI to test heavy metals in food and dietary supplement products. The method is modified from FDA EAM 4.7 and uses similar sample preparation and analytical techniques to those described in EAM. Microwave assisted digestion in mineral acids is used to prepare samples for heavy metal analysis by triple quadrupole inductively coupled plasma mass spectrometry (ICP-MS/MS). LLMTDA is part of Light Labs' scope of ISO 17025 accredited methods.

Results Approved By


Lab Director
 Date Released: 03/05/2026



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General Information

Name Mavi Goods , Ritual Cacao
 Lot
 Notes

Date Received 2025-09-29
 Date Tested 2025-09-30
 Test 22718
 Order 1833

Assay Pesticides
 Method USDA NOP
 Location Outsourced
 Serving Size 30.0g

Analyte	LOQ	Limit	Result	Status
Acephate	-	-	ND	-
Acetamiprid	-	-	ND	-
Acetochlor	-	-	ND	-
Aldicarb	-	-	ND	-
Aldicarb Sulfone	-	-	ND	-
Aldicarb Sulfoxide	-	-	ND	-
Allethrin	-	-	ND	-
Atrazine	-	-	ND	-
Azinphos Methyl	-	-	ND	-
Azoxystrobin	-	-	ND	-
BHC-Alpha	-	-	ND	-
Bendiocarb	-	-	ND	-
Bifenazate	-	-	ND	-
Bifenthrin	-	-	ND	-
Bitertanol	-	-	ND	-
Boscalid	-	-	ND	-
Bromacil	-	-	ND	-
Buprfezin	-	-	ND	-
Captan	-	-	ND	-
Carbaryl	-	-	ND	-

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Lev Spivak-Birndorf

Lab Director

Date Released: October 2, 2025 8:07pm

Analyte	LOQ	Limit	Result	Status
Carbendazim (MBC)	-	-	ND	-
Carbofuran	-	-	ND	-
Chlorantraniliprole	-	-	ND	-
Chlordane, cis-	-	-	ND	-
Chlordane, trans-	-	-	ND	-
Chlorfenapyr	-	-	ND	-
Chlorothalonil	-	-	ND	-
Chlorpropham	-	-	ND	-
Chlorpyrifos	-	-	ND	-
Chlorpyrifos Methyl	-	-	ND	-
Clofentezine	-	-	ND	-
Clothianidin	-	-	ND	-
Coumaphos	-	-	ND	-
Cyazofamid	-	-	ND	-
Cycloate	-	-	ND	-
Cyfluthrin	-	-	ND	-
Cyhalothrin, L-	-	-	ND	-
Cypermethrin	-	-	ND	-
Cyprodinil	-	-	ND	-
Cyromazine	-	-	ND	-
DCPA	-	-	ND	-
DDD o,p'	-	-	ND	-
DDD p,p'	-	-	ND	-
DDE o,p'	-	-	ND	-
DDE p,p'	-	-	ND	-
DDT o,p'	-	-	ND	-
DDT p,p'	-	-	ND	-
DEF (Tribufos)	-	-	ND	-
Deltamethrin (includes Tralomethrin)	-	-	ND	-
Diazinon	-	-	ND	-
Diazinon Oxygen Analog	-	-	ND	-
Dichlorvos (DDVP)	-	-	ND	-

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Analyte	LOQ	Limit	Result	Status
Dicloran	-	-	ND	-
Dicofol o,p'	-	-	ND	-
Dicofol p,p' (Kelthane)	-	-	ND	-
Dieldrin	-	-	ND	-
Difenoconazole	-	-	ND	-
Diflubenzuron	-	-	ND	-
Dimethoate	-	-	ND	-
Diphenamid	-	-	ND	-
Diphenylamine (DPA)	-	-	ND	-
Disulfoton	-	-	ND	-
Disulfoton Sulfone	-	-	ND	-
Diuron	-	-	ND	-
Endosulfan I	-	-	ND	-
Endosulfan II	-	-	ND	-
Endosulfan Sulfate	-	-	ND	-
Endrin	-	-	ND	-
Esfenvalerate	-	-	ND	-
Ethion	-	-	ND	-
Ethoprop	-	-	ND	-
Ethoxyquin	-	-	ND	-
Etoxazole	-	-	ND	-
Famoxadone	-	-	ND	-
Fenamidone	-	-	ND	-
Fenamiphos	-	-	ND	-
Fenamiphos Sulfone	-	-	ND	-
Fenarimol	-	-	ND	-
Fenbuconazole	-	-	ND	-
Fenhexamid	-	-	ND	-
Fenpropathrin	-	-	ND	-
Fenpyroximate	-	-	ND	-
Fenthion	-	-	ND	-
Fenvalerate	-	-	ND	-

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Analyte	LOQ	Limit	Result	Status
Fipronil	-	-	ND	-
Flonicamid	-	-	ND	-
Fludioxonil	-	-	ND	-
Fluoxastrobin	-	-	ND	-
Fluridone	-	-	ND	-
Flutolanil	-	-	ND	-
Fluvalinate	-	-	ND	-
Folpet	-	-	ND	-
Fonofos	-	-	ND	-
Formetanate Hydrochloride	-	-	ND	-
Heptachlor Epoxide	-	-	ND	-
Hexachlorobenzene (HCB)	-	-	ND	-
Hexaconazole	-	-	ND	-
Hexythiazox	-	-	ND	-
Hydroxycarbofuran, 3-	-	-	ND	-
Imazalil	-	-	ND	-
Imidacloprid	-	-	ND	-
Indoxacarb	-	-	ND	-
Iprodione	-	-	ND	-
Lindane (BHC-gamma)	-	-	ND	-
Linuron	-	-	ND	-
MGK-264	-	-	ND	-
Malathion	-	-	ND	-
Malathion Oxygen Analog	-	-	ND	-
Metalaxyl	-	-	ND	-
Methamidophos	-	-	ND	-
Methidathion	-	-	ND	-
Methiocarb	-	-	ND	-
Methomyl	-	-	ND	-
Methoxychlor Total	-	-	ND	-
Methoxyfenozide	-	-	ND	-
Metolachlor	-	-	ND	-

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Analyte	LOQ	Limit	Result	Status
Metribuzin	-	-	ND	-
Mevinphos Total	-	-	ND	-
Myclobutanil	-	-	ND	-
Naled	-	-	ND	-
Naphthol, 1-	-	-	ND	-
Napropamide	-	-	ND	-
Nonachlor, cis-	-	-	ND	-
Nonachlor, trans-	-	-	ND	-
Omethoate	-	-	ND	-
Oxadixyl	-	-	ND	-
Oxaryl	-	-	ND	-
Parathion Methyl	-	-	ND	-
Pendimethalin	-	-	ND	-
Pentachloroaniline (PCA)	-	-	ND	-
Pentachlorobenzene (PCB)	-	-	ND	-
Permethrin Total	-	-	ND	-
Phenylphenol, O-	-	-	ND	-
Phorate Sulfone	-	-	ND	-
Phorate Sulfoxide	-	-	ND	-
Phosalone	-	-	ND	-
Phosmet	-	-	ND	-
Piperonyl Butoxide	-	-	ND	-
Pirimiphos Methyl	-	-	ND	-
Primicarb	-	-	ND	-
Prochloraz	-	-	ND	-
Procymidone	-	-	ND	-
Prometryn	-	-	ND	-
Pronamide	-	-	ND	-
Propargite	-	-	ND	-
Propiconazole	-	-	ND	-
Pymetrozine	-	-	ND	-
Pyraclostrobin	-	-	ND	-

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Analyte	LOQ	Limit	Result	Status
Pyridaben	-	-	ND	-
Pyrimethanil	-	-	ND	-
Pyriproxyfen	-	-	ND	-
Quinoxifen	-	-	ND	-
Quintozene (PCNB)	-	-	ND	-
Resmethrin	-	-	ND	-
Simazine	-	-	ND	-
Spinetoram	-	-	ND	-
Spiromesifen	-	-	ND	-
Sulfentrazone	-	-	ND	-
Tebuconazole	-	-	ND	-
Tebufenozide	-	-	ND	-
Tetrachlorvinphos	-	-	ND	-
Tetradifon	-	-	ND	-
Tetrahydrophthalimide (THPI)	-	-	ND	-
Thiabendazole	-	-	ND	-
Thiacloprid	-	-	ND	-
Thiamethoxam	-	-	ND	-
Thiobencarb	-	-	ND	-
Thiodicarb	-	-	ND	-
Triadimefon	-	-	ND	-
Triadimenol	-	-	ND	-
Trifloxystrobin	-	-	ND	-
Triflumizole	-	-	ND	-
Trifluralin	-	-	ND	-
Vinclozolin	-	-	ND	-

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