

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Mood, Memory & Brain Capsules: 180 count
PRODUCT CODE: 10383BT01
CUSTOMER NAME: Heart & Soil Supplements
MFG. LOT NUMBER: 202112
PKG. LOT NUMBER: 202111
BEST BY DATE: 02/2026

CRITICAL CHARACTERISTICS:

Overall Appearance
Color
Capsule Description
Net Capsule Weight
Disintegration

SPECIFICATIONS

Capsule with light brown pwd fill
Light brown
"00" Gelatin
517 mg – 599 mg
<30 minutes

RESULTS

Conforms
Conforms
Conforms
532mg
10MINS

CHEMICAL ASSAY:

NIR Identification
Lead
Arsenic
Mercury
Cadmium

SPECIFICATIONS

Conforms to Standard
NMT 10ppm
NMT 1ppm
NMT 10ppm
NMT 10ppm

RESULTS

99.3% Pass
0.181ppm
0.045ppm
ND
0.057ppm

MICROBIOLOGICAL TESTING:

TPC (cfu/gm)
Yeast (cfu/gm)
Mold (cfu/gm)
Coliforms (cfu/gm)
E. coli
Salmonella
S. aureus

SPECIFICATIONS

<10,000
<1,000
<1,000
<100
Negative
Negative
Negative

RESULTS

Pass*
Pass*
Pass*
Pass**
Pass**
Pass**
Pass**

*Validated with methodology and technology to meet AOAC and USP <1223>, <2020>, and <2021> standards.

**Validated with methodology and technology to meet USP <1223>, <2020>, and <2021> standards.

By: _____

Date: 3/4/23



Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing
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 E-Mail: Karine@MicroQualityLabs.com



[Redacted]

ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: MOOD MEMORY & BRAIN
 Product Code: 10383
 Batch/Lot: 202111
 MQL Accession: 230321-0104

PO#: N/A
 Sample Description: FG
 Rush: N/A
 Received Date: 03/21/23
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Test Requested:	Test Method Number:	Client Specification:	Results:
Pesticide Screen:	USP Limit Level		
Fenvalerate	MQLTM-0343 (USP<561>Modified) By GC-MS	1.5mg/kg	<1.5mg/kg
Tau-Fluvalinate	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Fonophos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Heptachlor (sum of heptachlor, os-heptachlorepoide, and trans-heptachlorepoide)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Hexachlorobenzene	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Hexachlorocyclohexane (sum of isomers α , β , δ , and ϵ -)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.3mg/kg	<0.3mg/kg
Lindan (Y-hexachlorocyclohexane)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.6mg/kg	<0.6mg/kg
Malathion and malaoxon (sum of)	MQLTM-0343 (USP<561>Modified) By GC-MS	1mg/kg	<1mg/kg
Mecarbam	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Methacriphos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Methamidophos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Methidathion	MQLTM-0343 (USP<561>Modified) By GC-MS	0.2mg/kg	<0.2mg/kg
Mirex	MQLTM-0343 (USP<561>Modified) By GC-MS	0.01mg/kg	<0.01mg/kg
Monocrotophos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Parathion-ethyl and Paraoxon-ethyl (sum of)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.5mg/kg	<0.5mg/kg
Parathion-methyl and Paraoxon-methyl (sum of)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.2mg/kg	<0.2mg/kg
Pendimethalin	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Pentachloranisol	MQLTM-0343 (USP<561>Modified) By GC-MS	0.01mg/kg	<0.01mg/kg
Permethrin and isomers (sum of)	MQLTM-0343 (USP<561>Modified) By GC-MS	1mg/kg	<1mg/kg
Phosalone	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg



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Product Code: 10383
Batch/Lot: 202111
MQL Accession: 230321-0104

PO#: N/A
Sample Description: FG
Rush: N/A
Received Date: 03/21/23
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Test Requested:	Test Method:	Specification:	Results:
Glyphosate	MQLTM-1165 By LCMS/MS	Report Results	Not Detected* (Glyphosate is less than 0.01 ppm)

Prepared By:
Octavio Victor/Document Control Specialist

APR 10 2023
04/10/23

Reviewed By:
Estre Arellano/Quality Assurance Reviewer

APR 10 2023
04/10/23

Comment: (*) This result is not covered under our A2LA accreditation. The test has been carried out following general compendial methods (USP/NF, EP, JP and AOAC). Micro Quality Laboratories, Inc. (MQL), is an A2LA ISO 17025 accredited testing laboratory (Certificate Number 3034.01). The requirements of ISO 17025 were followed for the test, results and preparation of this certificate of analysis. MQL's scope of accreditation may be found on A2LA or MQL websites.

The aforementioned results on this report are representative of the samples submitted and may not be indicative of the entire manufacture, batch, and/or lot. Applicable current GMP's shall always be used when sampling. GLP's shall always be practiced by Micro Quality Labs to ensure the most accurate results.

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