

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Beef Organ Capsules: 180 Count  
**PRODUCT CODE:** 10365BT01  
**CUSTOMER:** Heart & Soil Supplements  
**MFG. LOT NUMBER:** 199602  
**PKG. LOT NUMBER:** 199601  
**EXPIRATION DATE:** 02/2026

## CRITICAL CHARACTERISTICS:

Overall Appearance  
Color  
Capsule Description  
Avg. Net Capsule Weight  
Disintegration Time

## SPECIFICATIONS

Capsule with brown pwd fill  
Brown  
Size "00" Gelatin  
475mg – 550mg  
<30 minutes

## RESULTS

Complies  
Complies  
Complies  
520mg  
9mins

## ASSAY:

NIR Identification  
Lead  
Arsenic  
Cadmium  
Mercury

## SPECIFICATIONS

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

## RESULTS

99.6% Pass  
0.041ppm  
0.033ppm  
0.232ppm  
ND

## 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: \_\_\_\_\_

3/16/23



# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing  
 3125 N. Damon Way • Burbank, California 91505  
 (818) 845-0070 • Fax: (818) 845-0030  
 E-Mail: [Karine@MicroQualityLabs.com](mailto:Karine@MicroQualityLabs.com)



## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: **BEEF ORGANS**  
 Product Code: 10365  
 Batch/Lot: 204751  
 MQL Accession: 230321-0097

PO#: N/A  
 Sample Description: FG  
 Rush: N/A  
 Received Date: 03/21/23  
 Page 1/5

Test Requested:	Test Method Number:	Client Specification:	Results:
<b>Pesticide Screen:</b>		USP Limit Level	
Pesticides	MQLTM-0343 (USP<561>Modified) By GC-MS	N/A	Conforms
Bromophos-methyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05ppm	<0.05ppm
Flucythrinate	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05ppm	<0.05ppm
Methoxychlor	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05ppm	<0.05ppm
Acephate	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Alachlor	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Aldrin and dieldrin (sum of)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Azinphos-ethyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Azinphos-methyl	MQLTM-0343 (USP<561>Modified) By GC-MS	1mg/kg	<1mg/kg
Bromophos-ethyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Bromopropylate	MQLTM-0343 (USP<561>Modified) By GC-MS	3mg/kg	<3mg/kg
Chlordane (sum of cis-trans-, and oxychlordane)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Chlorfenvinphos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.5mg/kg	<0.5mg/kg
Chlorpyrifos -ethyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.2mg/kg	<0.2mg/kg
Chlorpyrifos -methyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Chlorthal-dimethyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.01mg/kg	<0.01mg/kg
Cyfluthrin (sum of)	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
A-Cyhalothrin	MQLTM-0343 (USP<561>Modified) By GC-MS	1mg/kg	<1mg/kg





# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing  
 3125 N. Damon Way • Burbank, California 91505  
 (818) 845-0070 • Fax: (818) 845-0030  
 E-Mail: [Karine@MicroQualityLabs.com](mailto:Karine@MicroQualityLabs.com)



## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: **BEEF ORGANS**  
 Product Code: 10365  
 Batch/Lot: 204751  
 MQL Accession: 230321-0097

PO#: N/A  
 Sample Description: FG  
 Rush: N/A  
 Received Date: 03/21/23  
 Page 3/5

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 $\alpha$ , $\beta$ , $\delta$ , and $\epsilon$ -)	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



# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing  
 3125 N. Damon Way • Burbank, California 91505  
 (818) 845-0070 • Fax: (818) 845-0030  
 E-Mail: [Karine@MicroQualityLabs.com](mailto:Karine@MicroQualityLabs.com)



## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: **BEEF ORGANS**  
 Product Code: 10365  
 Batch/Lot: 204751  
 MQL Accession: 230321-0097

PO#: N/A  
 Sample Description: FG  
 Rush: N/A  
 Received Date: 03/21/23  
 Page 4/5

Test Requested:	Test Method Number:	Client Specification:	Results:
Pesticide Screen:		USP Limit Level	
Phosmet	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Piperonyl butoxide	MQLTM-0343 (USP<561>Modified) By GC-MS	3mg/kg	<3mg/kg
Pirimiphos-ethyl	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Pirimiphos-methyl (sum of pirimiphos-methyl and N-desethyl-pirimiphos-methyl)	MQLTM-0343 (USP<561>Modified) By GC-MS	4mg/kg	<4mg/kg
Procymidone	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Profenophos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.1mg/kg	<0.1mg/kg
Prothiophos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Pyrethrums (Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, Pyrethrin II)	MQLTM-0343 (USP<561>Modified) By GC-MS	3ppm	<3ppm
Quinalphos	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Quintozene (sum of quintozene, pentachloraniline, and methyl pentachlorophenyl sulfide)	MQLTM-0343 (USP<561>Modified) By GC-MS	1mg/kg	<1mg/kg
S-421	MQLTM-0343 (USP<561>Modified) By GC-MS	0.02mg/kg	<0.02mg/kg
Tecnazene	MQLTM-0343 (USP<561>Modified) By GC-MS	0.05mg/kg	<0.05mg/kg
Tetradifon	MQLTM-0343 (USP<561>Modified) By GC-MS	0.3mg/kg	<0.3mg/kg
Vinclozolin	MQLTM-0343 (USP<561>Modified) By GC-MS	0.4mg/kg	<0.4mg/kg



# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing  
3125 N. Damon Way • Burbank, California 91505  
(818) 845-0070 • Fax: (818) 845-0030  
E-Mail: [Karine@MicroQualityLabs.com](mailto:Karine@MicroQualityLabs.com)



## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: **BEEF ORGANS**  
Product Code: 10365  
Batch/Lot: 204751  
MQL Accession: 230321-0097

PO#: N/A  
Sample Description: FG  
Rush: N/A  
Received Date: 03/21/23  
Page 5/5

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:

Esme 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.*

*This report is submitted for the exclusive use of the person, partnership, or corporation to whom it is addressed, and neither the report nor the name of Micro Quality Labs, Inc. nor any member of its staff, may be used in connection with the advertising or sale of any product or process without written authorization from Micro Quality Labs, Inc. Failure to comply will result in immediate legal action by Micro Quality Labs, Inc.*