

Title: **EPO Evening Primrose Oil, 500 mg**

Allergy Research Group® / NutriCology®

Document No.: 71260CA

Revision: 09

Certificate of Analysis

| | | | |
|---------------------------------|--------------------------|-----------------|---------|
| Part Number | 71260 | | |
| Lot Number | 200662 | | |
| Product Count & Form | 120 Softgels | | |
| Packaging, Closure | 175 cc bottle, desiccant | | |
| Storage Condition | Room Temperature | | |
| Shelf Life | 36 months | Expiration Date | 08/2023 |
| Label Number, Size | 71260L, F | | |
| Retain Sample | 2 bottles total | | |

ANALYSIS

Physical

| Attribute | Method / SOP | Specification | Test Result |
|--------------------------|--------------|--------------------------------------|--------------|
| Product Color, Size | QC011 | Yellow, Clear, Oval 10, S2 | Complies |
| Product Weight Variation | QC012 | Meets USP <2091> Expected 620-840 mg | Pass, 784 mg |
| Disintegration time | QC018 | Meets USP <2040> | Pass, 3 min* |

*tested by CMO

Purity/Strength per Softgel

| Active Ingredients | Label Claim | Release Limits | Test Result |
|----------------------|-------------|---------------------------|----------------------------|
| Evening Primrose Oil | 500 mg | 100 - 150% of LC by input | 100 - 150% of LC by input* |
| Gamma-Linolenic Acid | 45 mg | 100 - 150% of LC by GC | 48 mg/softgel |
| Linoleic Acid | 365 mg | 100 - 150% of LC by GC | 375 mg/softgel |
| Oleic Acid | 35 mg | 100 - 150% of LC by GC | 100 - 150% of LC by GC* |

Other Ingredients: Gelatin, Glycerin, Purified water

*Production and Process Control


Identification \ Chemical \ Heavy Metals

| Attribute | Method / SOP | Specification | Test Result |
|---------------------|-------------------------------------|---------------|--------------|
| Identity | Bulk Certificate of Analysis Review | Approved | Approved |
| Arsenic (inorganic) | ICP-MS per USP <2232> | ≤ 15 µg/day Ψ | 0.014 µg/day |
| Cadmium | ICP-MS per USP <2232> | ≤ 5 µg/day Ψ | 0.005 µg/day |
| Mercury (total) | ICP-MS per USP <2232> | ≤ 15 µg/day Ψ | 0.030 µg/day |
| Lead | ICP-MS per USP <2232> | ≤ 10 µg/day Ψ | 0.089 µg/day |

Ψ Permitted Daily Exposure, BQL- Below Quantitative Limit

Microbiology

| Attribute | Method / SOP | Specification | Test Result |
|-----------------------|--------------------|-----------------------------|---------------|
| Total Aerobic Count | USP/ AOAC/ FDA BAM | ≤ 1 x 10 ⁴ CFU/g | <10 CFU/g |
| Total Yeast & Mold | USP/ AOAC/ FDA BAM | ≤ 1 x 10 ³ CFU/g | <10 CFU/g |
| Coliform | USP/ AOAC/ FDA BAM | ≤ 1 x 10 ² CFU/g | <10 CFU/g |
| Escherichia coli | USP/ AOAC/ FDA BAM | None Detected | None Detected |
| Staphylococcus aureus | USP/ AOAC/ FDA BAM | None Detected | None Detected |
| Salmonella | USP/ AOAC/ FDA BAM | None Detected | None Detected |

| | | | |
|-----------|---|--|-----------------|
| Approval: |  | Casey Van Wagoner 2020.12.16 10:56:09 -07'00' | Date: 16DEC2020 |
|-----------|---|--|-----------------|

If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate

 Description: Evening Primrose Oil
 Sample ID: 41260
 Lot No: VS200662
 Location:
 Received: 10/13/2020
 Completed: 10/20/2020

 Client: Allergy Research Group
 2300 S Main St
 Salt Lake City, UT 84115

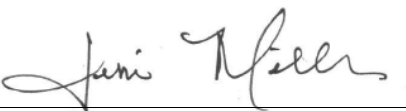
Lab No: 204744-03

| Analysis | Result | Per Unit | Specifications | Method |
|-------------------------------|--------|--------------|-----------------|------------------|
| Mercury | 0.019 | µg/g | < 0.5 µg/g | ICP-MS USP <730> |
| Lead | 0.057 | µg/g | < 0.5 µg/g | ICP-MS USP <730> |
| Arsenic | 0.009 | µg/g | < 0.5 µg/g | ICP-MS USP <730> |
| Cadmium | 0.003 | µg/g | < 0.5 µg/g | ICP-MS USP <730> |
| Total Aerobic Microbial Count | <10 | CFU/g | <= 10,000 CFU/g | USP <2021> |
| Coliform | <10 | CFU/g | <= 100 CFU/g | AOAC 991.14 |
| E.Coli | Absent | per 10 grams | Absent | USP <2022> |
| Staphylococcus aureus | Absent | per 10 grams | Absent | USP <2022> |
| Salmonella | Absent | per 10 grams | Absent | USP <2022> |
| Total Yeast & Mold | <10 | CFU/g | <= 1,000 CFU/g | USP <2021> |
| Yeast * | <10 | CFU/g | <= 1,000 CFU/g | USP <2021> |
| Mold * | <10 | CFU/g | <= 1,000 CFU/g | USP <2021> |

* For informational purposes only.

THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.

THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.

 Results Approved By: 
 Jeni Miller-Administrative Assistant

Dated: 10/20/2020

Printed: 10/20/2020 4:52:46 PM





Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing

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Customer: Allergy Research Group, LLC
Address: 2300 S. Main st
Salt Lake City, UT 84115

ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: EVENING PRIMROSE OIL
Product Code: 41260
Batch/Lot: VS200662
MQL Accession: 201013-0172

PO#: 78223-1012
Sample Description: BULK
Rush: N/A
Received Date: 10/13/20

| Test Requested: | Test Method: | Specification: | Results: |
|------------------------------|-------------------------|--------------------|----------------|
| Linolenic Acid | MQLTM-0201 By GC-FID | NLT 365 mg/softgel | 375 mg/softgel |
| Gamma Linoleic Acid (GLA) | MQLTM-0201 By GC-FID | NLT 45 mg/softgel | 48 mg/softgel |

Prepared By: 
Diana Zavala/Document Control Specialist

OCT 19 2020

10/19/20

Reviewed By: 
Esme Arellano/QA Assistant

OCT 19 2020

10/19/20

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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