

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Mar. 06, 2024 Product: Livergen No.2 Liver Extract Chelated Softgels
 Product Code: 201645 Lot No.: 22401148 Manufacture Date: Feb 19, 2024

| Active Ingredients | *Base on Input | per unit | Result |
|--|----------------|------------|--------|
| Artichoke Extract | | 100.00 mg | * |
| Choline Bitartrate | | 50.00 mg | * |
| Inositol | | 50.00 mg | * |
| DL-Methionine | | 50.00 mg | * |
| Schisandra Extract | | 25.00 mg | * |
| Zinc HVP Chelate (Containing 20% Zinc) | | 20.00 mg | * |
| Phyllanthus Urinaria Extract | | 10.00 mg | * |
| Turmeric Root Extract | | 10.00 mg | * |
| Glutathione | | 10.00 mg | * |
| Glycine | | 10.00 mg | * |
| L-Arginine | | 10.00 mg | * |
| L-Serine | | 10.00 mg | * |
| L-Glutamine | | 10.00 mg | * |
| Taurine | | 10.00 mg | * |
| L-Tyrosine | | 10.00 mg | * |
| L-Aspartic Acid | | 10.00 mg | * |
| L-Cysteine Monohydrochloride | | 10.00 mg | * |
| Desiccant Liver Extract Powder (Sheep) | | 10.00 mg | * |
| Folic Acid | | 200.00 mcg | * |

Excipients: *Lecithin, Yellow Beeswax, Soybean Oil*

Chemical /Physical Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|------------------------|--|--------------|------------|
| Appearance | Brown #16 oblong softgels with laser imprint "Livergen" containing a brown paste | Conforms | Visual |
| Average Filling Weight | 891.960 mg ± 10% | 885.950 mg | USP <2091> |
| Weight Variation | Meets USP requirements | Conforms | USP <2091> |
| Rupture Test | NMT 15 minutes | 4 min 10 sec | USP <2040> |
| Heavy Metals* | | | |
| Arsenic | NMT 0.14 mcg/kg b.w./day | Conforms | ICP |
| Cadmium | NMT 0.09 mcg/kg b.w./day | | |
| Lead | NMT 0.14 mcg/kg b.w./day | | |
| Mercury | NMT 0.29 mcg/kg b.w./day | | |

*Based on average body weight: 70kg; Dosage: 1 Softgel/day

Microbiological Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|--------------------------------------|---------------|----------|------------|
| Total Aerobic Count | < 1000 cfu/g | Conforms | USP <2021> |
| Total Combined Mold and Yeasts Count | < 100 cfu/g | Conforms | USP <2021> |
| E. coli | Negative | Negative | USP <2022> |
| Salmonella spp. | Negative | Negative | USP <2022> |
| Staphylococcus aureus | Negative | Negative | USP <2022> |
| Pseudomonas aeruginosa | Negative | Negative | USP <62> |



Quality Control

03/06/2024

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: May 26, 2023 Product: Livergen No.2 Liver Extract Chelated Softgels
 Product Code: 201645 Lot No.: 22304131 Manufacture Date: May 04, 2023

| Active Ingredients | *Base on Input | per unit | Result |
|--|----------------|------------|--------|
| Artichoke Extract | | 100.00 mg | * |
| Choline Bitartrate | | 50.00 mg | * |
| Inositol | | 50.00 mg | * |
| DL-Methionine | | 50.00 mg | * |
| Schisandra Extract | | 25.00 mg | * |
| Zinc HVP Chelate (Containing 20% Zinc) | | 20.00 mg | * |
| Phyllanthus Urinaria Extract | | 10.00 mg | * |
| Turmeric Root Extract | | 10.00 mg | * |
| Glutathione | | 10.00 mg | * |
| Glycine | | 10.00 mg | * |
| L-Arginine | | 10.00 mg | * |
| L-Serine | | 10.00 mg | * |
| L-Glutamine | | 10.00 mg | * |
| Taurine | | 10.00 mg | * |
| L-Tyrosine | | 10.00 mg | * |
| L-Aspartic Acid | | 10.00 mg | * |
| L-Cysteine Monohydrochloride | | 10.00 mg | * |
| Desiccant Liver Extract Powder (Sheep) | | 10.00 mg | * |
| Folic Acid | | 200.00 mcg | * |

Excipients: Lecithin, Yellow Beeswax, Soybean Oil

Chemical /Physical Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|------------------------|--|--------------|------------|
| Appearance | Brown #16 oblong softgels with laser imprint "Livergen" containing a brown paste | Conforms | Visual |
| Average Filling Weight | 891.960 mg ± 10% | 878.880 mg | USP <2091> |
| Weight Variation | Meets USP requirements | Conforms | USP <2091> |
| Rupture Test | NMT 15 minutes | 3 min 23 sec | USP <2040> |
| Heavy Metals* | | | |
| Arsenic | NMT 0.14 mcg/kg b.w./day | Conforms | ICP |
| Cadmium | NMT 0.09 mcg/kg b.w./day | | |
| Lead | NMT 0.14 mcg/kg b.w./day | | |
| Mercury | NMT 0.29 mcg/kg b.w./day | | |

*Based on average body weight: 70kg; Dosage: 1 Softgel/day

Microbiological Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|--------------------------------------|---------------|----------|------------|
| Total Aerobic Count | < 1000 cfu/g | Conforms | USP <2021> |
| Total Combined Mold and Yeasts Count | < 100 cfu/g | Conforms | USP <2021> |
| E. coli | Negative | Negative | USP <2022> |
| Salmonella spp. | Negative | Negative | USP <2022> |
| Staphylococcus aureus | Negative | Negative | USP <2022> |
| Pseudomonas aeruginosa | Negative | Negative | USP <62> |



Quality Control

05/26/2023

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: December 21, 2022 Product: Livergen No.2 Liver Extract Chelated Softgels
 Product Code: 201645 Lot No.: 22210159 Manufacture Date: Dec 02, 2022

| Active Ingredients | *Base on Input | per unit | Result |
|--|----------------|------------|--------|
| Artichoke Extract | | 100.00 mg | * |
| Choline Bitartrate | | 50.00 mg | * |
| Inositol | | 50.00 mg | * |
| DL-Methionine | | 50.00 mg | * |
| Schisandra Extract | | 25.00 mg | * |
| Zinc HVP Chelate (Containing 20% Zinc) | | 20.00 mg | * |
| Phyllanthus Urinaria Extract | | 10.00 mg | * |
| Turmeric Root Extract | | 10.00 mg | * |
| Glutathione | | 10.00 mg | * |
| Glycine | | 10.00 mg | * |
| L-Arginine | | 10.00 mg | * |
| L-Serine | | 10.00 mg | * |
| L-Glutamine | | 10.00 mg | * |
| Taurine | | 10.00 mg | * |
| L-Tyrosine | | 10.00 mg | * |
| L-Aspartic Acid | | 10.00 mg | * |
| L-Cysteine Monohydrochloride | | 10.00 mg | * |
| Desiccant Liver Extract Powder (Sheep) | | 10.00 mg | * |
| Folic Acid | | 200.00 mcg | * |

Excipients: Lecithin, Yellow Beeswax, Soybean Oil

Chemical /Physical Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|------------------------|--|--------------|------------|
| Appearance | Brown #16 oblong softgels with laser imprint "Livergen" containing a brown paste | Conforms | Visual |
| Average Filling Weight | 891.960 mg ± 10% | 881.520 mg | USP <2091> |
| Weight Variation | Meets USP requirements | Conforms | USP <2091> |
| Rupture Test | NMT 15 minutes | 1 min 19 sec | USP <2040> |
| Heavy Metals* | | | |
| Arsenic | NMT 0.14 mcg/kg b.w./day | Conforms | ICP |
| Cadmium | NMT 0.09 mcg/kg b.w./day | | |
| Lead | NMT 0.14 mcg/kg b.w./day | | |
| Mercury | NMT 0.29 mcg/kg b.w./day | | |

*Based on average body weight: 70kg; Dosage: 1 Softgel/day

Microbiological Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|--------------------------------------|---------------|----------|------------|
| Total Aerobic Count | < 1000 cfu/g | Conforms | USP <2021> |
| Total Combined Mold and Yeasts Count | < 100 cfu/g | Conforms | USP <2021> |
| E. coli | Negative | Negative | USP <2022> |
| Salmonella spp. | Negative | Negative | USP <2022> |
| Staphylococcus aureus | Negative | Negative | USP <2022> |
| Pseudomonas aeruginosa | Negative | Negative | USP <62> |



Quality Control

12/21/2022

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: May 25, 2021 Product: Livergen No.2 Liver Extract Chelated Softgels
 Product Code: 201645 Lot No.: 22102150 Manufacture Date: May 05, 2021

| Active Ingredients <i>*Base on Input</i> | per unit | Result |
|--|------------|--------|
| Artichoke Extract | 100.00 mg | * |
| Choline Bitartrate | 50.00 mg | * |
| Inositol | 50.00 mg | * |
| DL-Methionine | 50.00 mg | * |
| Schisandra Extract | 25.00 mg | * |
| Zinc HVP Chelate (Containing 20% Zinc) | 20.00 mg | * |
| Phyllanthus Urinaria Extract | 10.00 mg | * |
| Turmeric Root Extract | 10.00 mg | * |
| Glutathione | 10.00 mg | * |
| Glycine | 10.00 mg | * |
| L-Arginine | 10.00 mg | * |
| L-Serine | 10.00 mg | * |
| L-Glutamine | 10.00 mg | * |
| Taurine | 10.00 mg | * |
| L-Tyrosine | 10.00 mg | * |
| L-Aspartic Acid | 10.00 mg | * |
| L-Cysteine Monohydrochloride | 10.00 mg | * |
| Desiccant Liver Extract Powder (Sheep) | 10.00 mg | * |
| Folic Acid | 200.00 mcg | * |

Excipients: *Lecithin, Yellow Beeswax, Soybean Oil*

Chemical /Physical Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|------------------------|--|------------|------------|
| Appearance | Brown #16 oblong softgels with laser imprint "Livergen" containing a brown paste | Conforms | Visual |
| Average Filling Weight | 891.960 mg ± 10% | 874.407 mg | USP <2091> |
| Weight Variation | Meets USP requirements | Conforms | USP <2091> |
| Rupture Test | NMT 15 minutes | 6min 48sec | USP <2040> |
| Heavy Metals* | | | |
| Arsenic | NMT 0.14 mcg/kg b.w./day | Conforms | ICP |
| Cadmium | NMT 0.09 mcg/kg b.w./day | | |
| Lead | NMT 0.14 mcg/kg b.w./day | | |
| Mercury | NMT 0.29 mcg/kg b.w./day | | |

*Based on average body weight: 70kg; Dosage: 1 Softgel/day

Microbiological Analysis

| ITEM | SPECIFICATION | RESULT | METHODS |
|--------------------------------------|---------------|----------|------------|
| Total Aerobic Count | < 1000 cfu/g | Conforms | USP <2021> |
| Total Combined Mold and Yeasts Count | < 100 cfu/g | Conforms | USP <2021> |
| E. coli | Negative | Negative | USP <2022> |
| Salmonella spp. | Negative | Negative | USP <2022> |
| Staphylococcus aureus | Negative | Negative | USP <2022> |
| Pseudomonas aeruginosa | Negative | Negative | USP <62> |



Quality Control

05/26/2021

Date