

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	*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%	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