

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Jan. 15, 2025 Product: Livergen Powder
 Product Code: 600082 Lot No.: 62412221 Manufacture Date: Dec. 10, 2024

Ingredients <i>*Base on Input</i>	per unit	Result
Maltodextrin	276.60 mg	*
Artichoke Extract	200.00 mg	*
DL-Methionine	100.00 mg	*
Inositol	100.00 mg	*
Choline Bitartrate	50.00 mg	*
Schisandra Powder	50.00 mg	*
Zinc Gluconate (Containing 13.24% Zinc)	40.00 mg	*
Phyllanthus Niruri Extract	20.00 mg	*
L-Glycine	20.00 mg	*
L-Arginine	20.00 mg	*
L-Serine	20.00 mg	*
L-Glutamine	20.00 mg	*
L-Taurine	20.00 mg	*
L-Tyrosine	20.00 mg	*
L-Aspartic Acid	20.00 mg	*
L-Cysteine Monohydro-Chloride	20.00 mg	*
Ferrous Bisglycinate Chelate (Containing 20% Iron)	3.00 mg	*
Folic Acid	400.00 mcg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Pale brown granular powder	Conforms	Visual
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		

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>

Viva[®] Pharmaceutical Inc.

13880 Viking Place, Richmond, BC, Canada, V6V 1K8 Tel : (604) 718-0816 Fax : (604) 718-0817
Website : www.vivapharm.com Email : info@vivapharm.com

Pseudomonas aeruginosa	Negative	Negative	USP <62>
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01/15/2025

Quality Control

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: July 24, 2024 Product: Livergen Powder
 Product Code: 600082 Lot No.: 62407121 Manufacture Date: Jul. 10, 2024

Ingredients <i>*Base on Input</i>	per unit	Result
Maltodextrin	276.60 mg	*
Artichoke Extract	200.00 mg	*
DL-Methionine	100.00 mg	*
Inositol	100.00 mg	*
Choline Bitartrate	50.00 mg	*
Schisandra Powder	50.00 mg	*
Zinc Gluconate (Containing 13.24% Zinc)	40.00 mg	*
Phyllanthus Niruri Extract	20.00 mg	*
L-Glycine	20.00 mg	*
L-Arginine	20.00 mg	*
L-Serine	20.00 mg	*
L-Glutamine	20.00 mg	*
L-Taurine	20.00 mg	*
L-Tyrosine	20.00 mg	*
L-Aspartic Acid	20.00 mg	*
L-Cysteine Monohydro-Chloride	20.00 mg	*
Ferrous Bisglycinate Chelate (Containing 20% Iron)	3.00 mg	*
Folic Acid	400.00 mcg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Pale brown granular powder	Conforms	Visual
Heavy Metals*			
Arsenic	NMT 0.14 mcg/kg b.w./day		
Cadmium	NMT 0.09 mcg/kg b.w./day	Conforms	ICP
Lead	NMT 0.14 mcg/kg b.w./day		
Mercury	NMT 0.29 mcg/kg b.w./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>

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Pseudomonas aeruginosa	Negative	Negative	USP <62>
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Quality Control

07/24/2024

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: May 08, 2023 Product: Livergen Powder
 Product Code: 600082 Lot No.: 62304121 Manufacture Date: Apr. 28, 2023

Ingredients <i>*Base on Input</i>	per unit	Result
Maltodextrin	276.60 mg	*
Artichoke Extract	200.00 mg	*
DL-Methionine	100.00 mg	*
Inositol	100.00 mg	*
Choline Bitartrate	50.00 mg	*
Schisandra Powder	50.00 mg	*
Zinc Gluconate (Containing 13.24% Zinc)	40.00 mg	*
Phyllanthus Niruri Extract	20.00 mg	*
L-Glycine	20.00 mg	*
L-Arginine	20.00 mg	*
L-Serine	20.00 mg	*
L-Glutamine	20.00 mg	*
L-Taurine	20.00 mg	*
L-Tyrosine	20.00 mg	*
L-Aspartic Acid	20.00 mg	*
L-Cysteine Monohydro-Chloride	20.00 mg	*
Ferrous Bisglycinate Chelate (Containing 20% Iron)	3.00 mg	*
Folic Acid	400.00 mcg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Pale brown granular powder	Conforms	Visual
Heavy Metals*			
Arsenic	NMT 0.14 mcg/kg b.w./day		
Cadmium	NMT 0.09 mcg/kg b.w./day	Conforms	ICP
Lead	NMT 0.14 mcg/kg b.w./day		
Mercury	NMT 0.29 mcg/kg b.w./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>
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Quality Control

05/08/2023

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: August 26, 2021 Product: Livergen Chelated Powder
 Product Code: 600082 Lot No.: 62108121 Manufacture Date: Aug. 06, 2021

Active Ingredients <i>*Base on Input</i>	per unit	Result
Maltodextrin	276.60mg	*
Artichoke Extract	200.00 mg	*
DL-Methionine	100.00 mg	*
Inositol	100.00 mg	*
Choline Bitartrate	50.00 mg	*
Zinc Gluconate (Equal to Zinc 5.296mg)	40.00 mg	*
Phyllanthus Niruri Extract	20.00 mg	*
L-Glycine	20.00 mg	*
L-Arginine	20.00 mg	*
L-Serine	20.00 mg	*
L-Glutamine	20.00 mg	*
L-Taurine	20.00 mg	*
L-Tyrosine	20.00 mg	*
L-Aspartic Acid	20.00 mg	*
L-Cysteine Monohydro-Chloride	20.00 mg	*
Schisandra Powder Extract	50.00 mg	*
Ferrous Bisglycinate Chelate	3.00 mcg	*
Folic Acid	400.00 mcg	*

Excipients: Maltodextrin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Pale brown granular powder	Conforms	Visual
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		

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>



08/26/2021

Quality Control

Date