

**UNICORN NATURAL PRODUCTS PVT LTD**

SY.NO.228/229, GENOME VALLEY, TURKAPALLY,
MEDCHAL-MALKAJGIRI DISTRICT, TELANGANA, INDIA
TEL : 040 - 23480038, 23480039, 23480544

CERTIFICATE OF ANALYSIS

1.	PRODUCT CODE	GTP98HPDW
2.	PRODUCT NAME	L-GLUTATHIONE ENRICHED YEAST EXTRACT - 98%
3.	PART USED	YEAST
4.	ORIGIN	INDIA
5.	BATCH NO	GTP2308233
6.	ANALYTICAL REPORT NO	UN24060
7.	MANUFACTURING DATE	29.04.2024
8.	EXPIRY DATE	28.04.2027

S. No.	TEST PARAMETER	STANDARD	OBSERVATION	METHOD
01.	DESCRIPTION	White to off white powder	White powder	Visual
02.	ODOUR & TASTE	Characteristic	Complies	Sensory
03.	IDENTIFICATION	By HPTLC	Complies	HPTLC
04.	PARTICLE SIZE	40# - >95%	Complies	USP
05.	ASH CONTENT	NMT 10.0% w/w	0.09%	USP
06.	LOSS ON DRYING AT 105°C	NMT 5.0% w/w	0.69%	USP
07.	ASSAY FOR L-GLUTATHIONE	NLT 98.0% w/w	98.27%	HPLC
08.	RESIDUAL SOLVENTS	As per USP	Complies	USP - 467
09.	HEAVY METALS	LEAD <3 PPM CADMIUM <1 PPM ARSENIC <2 PPM MERCURY <0.1 PPM	Complies Complies Complies Complies	AOAC 999.11
10.	MICROBIOLOGICAL DATA a. STANDARD PLATE COUNT b. YEAST & MOULD	NMT 10000 CFU/g NMT 100 CFU/g	<100 CFU/g <10 CFU/g	USP - 61 USP - 61
11.	PATHOGENS a. E. COLI b. SALMONELLA c. COLIFORMS d. S. AUREUS e. BTGNB	ABSENT/g ABSENT/25g ABSENT/g ABSENT/g NMT 100 CFU/g	Complies Complies Complies Complies Complies	USP - 62 USP - 62 FDA-BAM USP - 62 USP - 62
12.	PACKING DETAILS: Packed In Food grade LDPE Bags sealed Into HDPE Containers			
13.	STORAGE CONDITIONS: Store away from moisture, freezing and average heat above 30°C			
THE PRODUCT MANUFACTURED IS KOSHER CERTIFIED				

Note: The product is being manufactured from plant origin; slight variation in colour can be due to different geographical sources and seasonal variations in plant materials.

The percentage specified as passing through the mesh is certified at the time of processing. As the product can be hygroscopic it is advisable to sift the material before use.

Disclaimer: Suitability of this product for its particular use is at the sole discretion of the purchaser

The sample submitted **COMPLIES** with the prescribed standards.

ANALYST

HEAD OF THE Q.C.



PRODUCT SPECIFICATION AND TECHNICAL DATA SHEET

Product Code : GTP98HPDW
Product Name : L-GLUTATHIONE ENRICHED YEAST EXTRACT 98%

Product information

Part Used : YEAST
Shelf Life : 3 YEARS FROM DATE OF MFG.

Product Quality Report

TEST PARAMETERS	STANDARDS	METHODS
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DESCRIPTION	White to off white powder	Visual
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ODOUR & TASTE	Characteristic	Sensory
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IDENTIFICATION	BY HPTLC	HPTLC
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PARTICLE SIZE	Passes through 40# >95%	USP
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LOSS ON DRYING AT 105°C	NMT 5.0% w/w	USP
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ASH CONTENT	NMT 10.0%	USP
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ASSAY

L-GLUTATHIONE	NLT 98.0% w/w	HPLC
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RESIDUAL SOLVENTS	As per USP	USP-467
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HEAVY METAL

LEAD	< 3.0 PPM	AOAC 999.11
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CADMIUM	< 1.0 PPM	AOAC 999.11
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Registered Office :

Unicorn House No-3,Balaji Enclave Near
Gunrock Diamond Point,Transport Road,
Secunderabad,Telangana-500009.
Ph : +91 040 27817193 / 194
Website: www.unicornnature.com

Marketing Office:

Accord Blu, 4th Floor,Gaffar Khan Colony,
Banjara Hills, Road No. 10,
Hyderabad - 500 034,Telangana, India.
Email: herbal@unicornnature.com

Factory:

Sy.No: 228 & 229, Genome Valley, Turkapally
Village, Shamirpet Mandal, Medchal-Malkajgiri
Dist - 500 101, Telanagana,India.

TEST PARAMETERS	STANDARDS	METHODS
ARSENIC	< 2.0 PPM	AOAC 999.11
MERCURY	< 0.1 PPM	AOAC 999.11
MICROBIOLOGICAL DATA		
STANDARD PLATE COUNT	NMT 10000 CFU/g	USP-61
YEAST & MOULD	NMT 100 CFU/g	USP-61
PATHOGENS		
COLIFORMS	ABSENT/g	FDA-BAM
E. COLI	ABSENT/g	USP-62
SALMONELLA	ABSENT/25g	USP-62
S. AUREUS	ABSENT/g	USP-62
BTGNB	NMT 100 CFU/g	USP-62

Additional Information :

PACKING DETAILS : Packed in Food grade LDPE Bags sealed into HDPE Containers

STORAGE CONDITION : Store in a sealed container, keep in cool and dry.

THE PRODUCT MANUFACTURED IS KOSHER CERTIFIED

Note :

1. The product is being manufactured from plant origin; slight variation in colour can be due to different geographical sources and seasonal variations in plant materials.
2. This product may also tend to clump or absorb moisture as natural products can be hygroscopic in nature. Sifting is recommended before use.

Disclaimer: The purchaser is solely responsible for determining the suitability of this product for their specific use.

Issue Date: 29-Apr-2024 10:20

This is a computer generated document with ERP application and is therefore not signed.

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