

## CERTIFICATE OF ANALYSIS

Product Name	GYMNEMA SYLVESTRE EXTRACT 75%		
Date of Analysis	05-05-2025	Date of Manufacturing	May-2025
Batch No.	LC-25054819	Date of Expiry	Apr-2028
T.R. No.	HC/HE/F/2025/04819		
Category	Intended for Nutraceutical appl	Plant Part	Leaf
Botanical name	<i>Gymnema sylvestre</i>	Standardization	Gymnemic acids

Parameters	Specifications	Result	Reference
<b>Physical</b>			
Description	Brown coloured powder	Complies	Visual
Identification	To comply with std	Complies	
pH of 1 % w/v aq. soln	4.0-7.0	5.23	USP<791>
Loss on drying	Not more than 6% w/w (dried at 105°C)	4.79% w/w	USP<731>
Ash Content	Not more than 20% w/w	3.45% w/w	USP<561>
Sieve Test (Passes through)			
60 mesh	Not less than 100%	Complies	USP<786>
80 mesh	Not less than 85%	90.81%	USP<786>
Bulk density	0.30-0.70 g/ml	0.49 g/ml	USP<616>
Tapped Density	0.50-1.00 g/ml	0.55 g/ml	USP<616>
Pesticide Residue	Complies with Ph. Eur.	Complies	Ph. Eur. 2.8.13
ETO	ETO Free	Complies	
<b>Chemical Assay</b>			
Content of Gymnemic acids (By Gravimetry)	Not less than 75.0% w/w	76.85% w/w	IN HOUSE
<b>Others</b>			
Total heavy metals	Not more than 20 ppm	1.10 ppm	USP<232>
Cadmium	Not more than 1 ppm	0.65 ppm	ICP-OES
Lead	Not more than 3 ppm	0.25 ppm	ICP-OES
Arsenic	Not more than 1 ppm	0.22 ppm	ICP-OES
Mercury	Not more than 0.1 ppm	0.01 ppm	ICP-OES
PAH	Not more than 50 ppm	Complies	....
PAs	Not more than 200 µg/kg	Complies	....



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<b>Microbiological Profile</b>			
Total aerobic microbial count	Not more than 10000 cfu/g	Complies	USP<1111>
total combined yeasts and molds count	Not more than 1000 cfu/g	Complies	USP<1111>
Escherichia coli	Negative	Complies	USP<62>
Salmonella	Negative	Complies	USP<62>
Staphylococcus aureus	Negative	Complies	USP<62>
Pseudomonas aeruginosa	Negative	Complies	USP<62>

<b>Additional Information</b>	
Sanitising treatment	Non-irradiated and not treated with ETO
Genetic Modification Status	GMO free
BSE/TSE Status	BSE/TSE free
Country of Origin	India
Storage condition	Store at room temperature

\*Since it is a herbal product, there is likely to be mineor color variation from batch of the product because of the geographical and seasonal variations of the raw material.

\*Natural products can be hygroscopic and may agglomerate sometimes, It is suggested to shift the product before use.

**Remarks:**The product complies as per the specification.

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