

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: March 23, 2023 Product: Need Sleep Capsules
 Product Code: 500598 Lot No.: 52302224 Manufacture Date: Mar. 01, 2023

Active Ingredients	*Base on Input	per unit	Result
L-Glutamic Acid Fermentation (Containing 20 % γ -Aminobutyric acid; GABA)		500.00 mg	*
Ziziphi Spinosae Semen Extract		100.00 mg	*
Radix Polygalae Extract		50.00 mg	*
L-Tryptophan		25.00 mg	*
Passion Flower Extract		25.00 mg	*
Camomile Extract		25.00 mg	*
Sesamin		7.50 mg	*

Excipients: Calcium Carbonate, Magnesium Stearate, Gelatin (Pig Skin), Glycerol, Purified Water, Titanium Dioxide, Sunset Yellow FCF, Brilliant Blue FCF

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Size 00 green/white capsule containing brown powder	Conforms	Visual
Average Fill Weight	750.778 mg \pm 10 %	763.450 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP <2091>
Disintegration	NMT 30 minutes	Conforms	USP <2040>
Total 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>



 Quality Control

03/23/2023

Date