



## Certificate Of Analysis:

Formula Number:	10415	<b>Hemp Sleep Formula Capsules</b>	
Effective Date:	4/6/2020	Customer:	GN Trading
		Lot Number:	270420
Date Of Manufacture:	5/11/2020	Expiration Date:	5/11/2023

### Tests and Examinations

Physical	Specification	Results	Method	Checked By	Pass/ Fail
Description	Size 0; Clear gelatin; Brown color	Size 0; Clear gelatin; Brown color	Examine	NJ	Pass
Average Fill Weight/Capsule	432.00 mg - 528.00 mg	442.4 mg	USP <2091>	NK	Pass
Average Whole Capsule Weight	517.50 mg - 632.50 mg	542.4 mg	USP <2091>	NK	Pass
Disintegration Time	NMT 45 minutes	3 minutes	USP <2040>	NK	Pass
<b>Assay</b>	<b>Specification</b>	<b>Results</b>	<b>Method</b>	<b>Checked By</b>	<b>Pass/ Fail</b>
Melatonin	1.35 mg - 1.65 mg	1.50 mg	WCL-M-000	NJ	Pass
GABA	90.00 mg - 110.00 mg	95.82 mg	WCL-M-058	NJ	Pass
Chamomile	90.00 mg - 110.00 mg	100.00 mg	WCL-M-000	NJ	Pass
Passion Flower	90.00 mg - 110.00 mg	100.00 mg	WCL-M-000	NJ	Pass
Hops	72.00 mg - 88.00 mg	80.00 mg	WCL-M-000	NJ	Pass
Lemon Balm	72.00 mg - 88.00 mg	80.00 mg	WCL-M-000	NJ	Pass
Hemp Oil Extract	9.00 mg - 11.00 mg	10.00 mg	WCL-M-000	NJ	Pass
<b>Microbiological</b>	<b>Specification</b>	<b>Results</b>	<b>Method</b>	<b>Checked By</b>	<b>Pass/ Fail</b>
Total Plate Count	< 100,000 cfu/g	40 cfu/g	USP <2021, 2022>	NJ	Pass
Mold & Yeast	< 10,000 cfu/g	< 10 cfu/g	USP <2021, 2022>	NJ	Pass
E. coli	Negative/10 g	Negative/10 g	USP <2021, 2022>	NJ	Pass
Staphylococcus Aureus	Negative/10 g	Negative/10 g	USP <2021, 2022>	NJ	Pass
Salmonella	Negative/10 g	Negative/10 g	USP <2021, 2022>	NJ	Pass
<b>Heavy Metals</b>	<b>Specification</b>	<b>Results</b>	<b>Method</b>	<b>Checked By</b>	<b>Pass/ Fail</b>
Arsenic	< 1.00 ppm	N/A	ICP/MS	N/A	N/A
Lead	< 5.00 ppm	N/A	ICP/MS	N/A	N/A
Cadmium	< 1.00 ppm	N/A	ICP/MS	N/A	N/A
Mercury	< 0.30 ppm	N/A	ICP/MS	N/A	N/A

Batch Disposition

Approved

Rejected

Receiving Inventory Disposition

Checked By: Nartine Keshishian

Approved/Rejected By: Narges Jahanshahi

Date: 7/15/20

Revision	Date	Superseded	Description of Changes
00	4/6/2020	N/A	Original