



GST NO: 33ICGPS4141J1ZD  
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### CERTIFICATE OF ANALYSIS

Product Name : Neem Leaf Powder  
Date of manufacturing : 25/05/2021  
Best before : 24/05/2023  
Country Of Origin : India

Date: 25/06/2021

S.NO	PARAMETERS	SPECIFICATION	TEST RESULTS	METHOD
<b>A.PHYSCOCHEMICAL</b>				
1	Odour	Pungent Odour	Complies	Sensory Evaluation
2	Taste	Bitter	Complies	Sensory Evaluation
3	Color Lovibond in 5 ¼ inch cell ( Y+5R basis)	< 45.0	30.12	AOCS Cc 13e - 92
4	Moisture and Volatile matter %	< 3.0	0.78	AOCS Ca 2c-25
5	Refractive Index at 40 ° C	1.460 – 1.470	1.464	AOCS Cc 7- 25
6	Acid Value (mg KOH/g)	< 15.0	6.00	AOCS Cd 3d-63
7	Iodine Value (g I <sub>2</sub> /100g)	65.0 – 80.0	76.36	AOCS Cd 1 -25
8	Saponification number(mg KOH/g)	180.0 - 205.0	201.65	AOCS Cd 3-25
9	Unsaponifiable Matter %	< 2.0	1.87	AOCS Ca 6b-53
<b>B.MICROBIOLOGICAL</b>				
1	Total Aerobic Count (cfu/g)	<100	<100	IS: 5401 (Part-1):2002
2	Yeast & Mould Count (cfu/g)	<10	<10	IS:5403-1999
3	Salmonella spp (/25g)	Absent	Absent	IS:5887(Part-3):1999
4	Coliforms (cfu/g)	<10	<10	IS:5401-(Part-1):2002
5	<i>E.coli</i> (cfu/g)	<10	<10	IS:5887(Part-1):1976
6	<i>Staphylococcus aureus</i> (/g)	Absent	Absent	IS:5887(Part-8):2002