

### CERTIFICATE OF ANALYSIS

Product Name: <b>Beet Root Dry Extract</b>			Product Qty :	<b>3.00 kg</b>
Batch Number	<b>JN/BV/A0509/2024</b>			Date of manufacture <b>August 2024</b>
			Date of expiry <b>July 2027</b>	
Botanical Name	<b>Beta vulgaris</b>	Extract Ratio	<b>10:1</b>	Part Used <b>Root</b>

Sr. No.	Parameter	Specification	Results
<b>A</b>	<b>Physical</b>		
1.	Description	Pink colour powder with characteristics odour & taste	Complies
2.	PH	3 to 7	4.54
3.	Solubility in water	NLT 80%	84.78%
4.	Loss on drying	Not more than 6.0%w/w	3.32%w/w
5.	Particle size	95% passing through 60mesh	Complies
<b>B</b>	<b>Assay</b>		
6.	Flavonoids By Gravimetric	Not less than 5%	5.16%
<b>C</b>	<b>Heavy Metals</b>		
7.	Lead	Not more than 10 ppm	Complies
8.	Arsenic	Not more than 3 ppm	Complies
9.	Cadmium	Not more than 0.3 ppm	Complies
10.	Mercury	Not more than 1 ppm	Complies
<b>D</b>	<b>Microbiological</b>		
11.	Total plate count	Not more than 1000cfu/g	Complies
12.	Total yeast and mold count	Not more than 100cfu/g	Complies
13.	Escherichia coli	Absent	Absent
14.	Salmonella spp.	Absent	Absent
15.	Coliforms	Absent	Absent
	Shelf life	3 years when stored in unopened original package at the recommended storage condition.	
	Storage Condition	Store in dry, cool place, protected from light, heat and oxidation. The recommended storage temperature is below 30°C.	

\* The product is of herbal origin. There may be minor color difference because of the geographical and seasonal variations of the plant material.

Prepared By



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Approved By



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