

CERTIFICATE OF ANALYSIS

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

Sr. No.	Parameter	Specification	Results
A	Physical		
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 60 mesh	Complies
B	Assay		
6.	Flavonoids By Gravimetric	Not less than 5%	5.16%
C	Heavy Metals		
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
D	Microbiological		
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 there commended storage condition.	
	Storage Condition	Store in dry, cool place, protected from light, heat and oxidation. There commended 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



Sonal Patel