

CERTIFICATE OF ANALYSIS

Product	Paprika Oleoresin	Botanical	Capsicum annum
CAS No.	84625-29-6	Origin	Byadgi, Karnataka, India
Batch No.	PN-2026-0914	Mfg. Date	Sep 2026
Extraction	Solvent extraction	Best Before	24 months from mfg.

Analytical Results

Parameter	Specification / Result
Appearance	Deep red-orange viscous liquid
Odour	Mild, sweet paprika
Colour value (ASTA)	100,000 CU min
Capsanthin + Capsorubin	35% min of total carotenoids
Capsaicin	< 0.05% (virtually pungency-free)
Solubility	Oil dispersible
Residual solvent	Within FSSAI / EU limits
Heavy metals (as Pb)	< 10 ppm
Arsenic	< 2 ppm
Lead	< 2 ppm
Total plate count	< 10,000 cfu/g
Yeast & mould	< 100 cfu/g
E. coli / Salmonella	Absent / 25 g

Storage: Store below 25 °C in original tightly sealed container; homogenise before use.

This certificate confirms that the above batch conforms to Plantique Naturals' specification. Analytical methods follow AOAC / ASTM / in-house validated HPLC and GC methods.