

CERTIFICATE OF ANALYSIS

Product Name	Stevia Extract (Rebaudioside A)
Latin Name	Stevia rebaudiana (Bertoni) Hemsl
Part Used	Leaf
Extract Solvent	Ethanol
Country of Origin	China
Batch Number	327-24070806
Manufacture Date	2024-07-08
Expiry Date	2028-07-09

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White or off-white powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Loss on drying	≤6.0%	0.03%
Ash	≤1.0%	0.29%
Loose density	0.300–0.700 g/ml	0.38 g/ml
Tapped density	0.400–0.800 g/ml	0.60 g/ml
pH	4.5–7.0	5.5

Chemical

Analysis Item	Specification	Result
Heavy metals	≤10 mg/kg	Complies
Arsenic (As)	≤1 mg/kg	Complies
Lead (Pb)	≤1 mg/kg	Complies
Cadmium (Cd)	≤1 mg/kg	Complies
Mercury (Hg)	≤0.1 mg/kg	Complies
Ethanol residue	≤3000 mg/kg	Complies
Methanol residue	≤200 mg/kg	Complies

Assay

Analysis Item	Specification	Result
Rebaudioside A	$\geq 98.0\%$	98.3%

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤ 1000 CFU/g	<10 CFU/g
Mould & Yeast	≤ 100 CFU/g	<10 CFU/g
Coliforms	≤ 0.92 MPN/g	Negative
Salmonella	Negative	Negative