

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Cinnamon Bark Extract
Botanical Name	Cinnamomum cassia Presl.
Plant Part	Bark
Solvents Used	Water & Ethanol
Carrier Used	Maltodextrin
Batch No.	AP-CBE-73588-28102024
Manufacturing Date	28/10/2024
Expiry Date	27/10/2027
Shelf Life	36 months
Country of Origin	China
Product Code	73588
Extract Ratio	10:1 *variable
Storage Conditions	Store in a well-closed container protected against moisture, light, oxygen.
Packaging	Paper-drums with two plastic-bags inside (N.W. 25 kg; I.D. 35×H 51 cm)

Assay

Analysis Item	Specification	Result
Extract Ratio	10:1*	Conform

Physical and Chemical Parameters

Analysis Item	Specification	Result
Appearance	Fine Powder	Conform
Color	Red Brown to Brown	Brown
Odor	Characteristic	Conform
Identification (HPTLC)	Identical to R.S. sample	Identical
Sieve Analysis	100% through 80 Mesh	Conform
Loss on Drying	≤5.0%	3.27%
Total Ash	≤10.0%	2.14%
Bulk Density	40–60 g/100 mL	55 g/100 mL
BAP	Meet EC 2023/915	Conform
PAH4	Meet EC 2023/915	Conform
PAs	Meet EC 2023/915	Conform
Residual Solvents	Meet Eur.Ph. <2.4.24>	Conform

Residual Pesticides	Meet EC 396/2005	Conform
Ethylene Oxide	Meet EC 396/2005	Conform

Heavy Metals

Analysis Item	Specification	Result
Lead (Pb)	≤3.0 mg/kg	0.3424 mg/kg
Arsenic (As)	≤2.0 mg/kg	0.1342 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	0.0215 mg/kg
Mercury (Hg)	≤0.1 mg/kg	<0.01 mg/kg

Microbiological Parameters

Analysis Item	Specification	Result
Total Plate Count	≤10,000 cfu/g	10 cfu/g
Yeast & Mold	≤1,000 cfu/g	10 cfu/g
E. coli	Negative	Conform
Salmonella	Negative	Conform
Enterobacteriaceae	≤100 cfu/g	Conform