

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Mugwort Herb Extract
Botanical name	Artemisia vulgaris
Part used	Herb
Extract solvents	Water & Ethanol
Country of Origin	China
Batch No.	BMI2023275137
Manufacture date	2023-01-09
Expiry date	2026-01-08
Shelf life	36 months (original packaging)

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Color	Light yellow to Brown	Conform
Odor	Characteristic	Conform
Appearance	Fine powder	Conform
Identification	Identical to R.S. sample (HPTLC)	Identical
Extract ratio	5:1	Conform
Sieve analysis	100% through 80 mesh	Conform
Loss on drying	≤5.0%	4.53%
Total ash	≤10.0%	1.72%
Bulk density	40–60 g/100 mL	40 g/100 mL
Tap density	60–90 g/100 mL	60 g/100 mL

Heavy Metals

Analysis Item	Specification	Result
Lead (Pb)	≤3.0 mg/kg	0.0523 mg/kg
Arsenic (As)	≤2.0 mg/kg	0.5150 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	0.0183 mg/kg
Mercury (Hg)	≤0.1 mg/kg	0.0127 mg/kg

Other Contaminants

Analysis Item	Specification	Result
Solvents residue	Meets Eur.Ph. <2.4.24>	Conform
Pesticides residue	Meets Eur.Ph. <2.8.13>	Conform

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	≤1000 CFU/g	90 CFU/g
Yeast & mold	≤100 CFU/g	10 CFU/g
E. coli	Negative	Conform
Salmonella	Negative	Conform
Non-Irradiation (EN 13751:2002):		315

Base Bulk