

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Tongkat Ali Extract
Botanical name	Eurycoma longifolia (Jack)
Part used	Root
Batch No.	BMI20230530
Manufacture date	2023-05-30
Analysis date	2023-05-30
Re-test date	2026-05-29
Shelf life	36 months

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Fine light yellow powder	Conforms to specification
Taste	Typical to botanical	Conforms to specification
Odor	Typical to botanical	Conforms to specification
Sieve analysis	90% pass 80 mesh	Conforms to specification
Moisture content	≤5%	3.12%
Ash	≤15%	1.44%
Ratio	5:1	5:1

Heavy Metals

Analysis Item	Specification	Result
Total heavy metals	≤10 ppm	Conforms to specification
Arsenic (As)	≤1 ppm	Conforms to specification
Cadmium (Cd)	≤1 ppm	Conforms to specification
Lead (Pb)	≤3 ppm	Conforms to specification
Mercury (Hg)	≤0.1 ppm	Conforms to specification

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	≤10000 CFU/g	Conforms to specification
Yeasts & Molds	≤1000 CFU/g	Conforms to specification
Salmonella	Absent/10g	Conforms to specification
E. coli	Absent/1g	Conforms to specification
Identification	Positive	Conforms to specification