

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Berberine extract
Botanical name	Berberis Aristata
Part used	Bark
Extract ratio	10:1
Batch No.	244-25021303
Manufacture date	2025-02-13
Expiry date	2028-02-12
Shelf life	3 years

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Yellow powder	Complies
Odor & Taste	Odorless and bitter in taste	Complies
Loss on drying	≤8.0%	6.90%
Ash	≤8.0%	0.65%
Particle size	≥98% pass 80 mesh	Complies

Heavy Metals

Analysis Item	Specification	Result
Heavy metals (total)	≤10 ppm	Complies
Arsenic (As)	≤1 ppm	Complies
Lead (Pb)	≤2 ppm	Complies
Cadmium (Cd)	≤1 ppm	Complies
Mercury (Hg)	≤0.1 ppm	Complies

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	≤10000 CFU/g	<10 CFU/g
Mould	≤1000 CFU/g	<10 CFU/g
Yeast	≤1000 CFU/g	<10 CFU/g
Coliforms	≤0.92 MPN/g	Negative
Salmonella	Negative	Negative