

CERTIFICATE OF ANALYSIS (COA)

Product Name: Lactic Acid 88%
INCI Name: Lactic Acid (AHA)
CAS No.: 50-21-5
EINECS #: 200-018-0
Product Grade: Cosmetic Grade
Batch/Lot No.: BPCLA8882026
Retest/Expiry Date: August 2029

Characteristic	Specification	Result
Stereochemical purity (L-isomer)	98% Min	99.2%
Content	88% Min	88.43%
Color, fresh	50 APHA Max	10 APHA
Color, 6 months	50 APHA Max	< 50 APHA
Sulphate	50 ppm Max	< 50 ppm
Chloride	10 ppm Max	< 10 ppm
Sulphated ash	0.05% Max	< 0.05%
Iron	5 ppm Max	< 5 ppm
Total heavy metals	5 ppm Max	< 5 ppm
Lead	0.5 ppm Max	< 0.5 ppm
Arsenic	1 ppm Max	< 1 ppm
Mercury	1 ppm Max	< 1 ppm
Cyanide	5 ppm Max	< 5 ppm
Limit of Citric, Oxalic, Phosphoric and Tartaric Acid	Passes FCC test	Passes FCC test
Reducing sugars	Passes FCC test	Passes FCC test

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