



西安康诺化工有限公司
Kono Chem Co., Ltd

分 析 报 告
CERTIFICATE OF ANALYSIS

Product Name : Lactobionic Acid

Batch No : LA-18-072

Quantity: 400kg

Molecular

Formula: C₁₂H₂₂O₁₂

Molecular

Weight : 358.30

CAS number : 96-82-2

MFG Date: Jul.14, 2020

EXP Date: Jul.13, 2022

Test	Specifications	Analysis Result
Appearance	White or almost white crystalline powder	White crystalline powder
Clarity	Clear	Clear
Specific optical rotation	+23°-- +29°	+25.3°
Water content	5.0% Max	3.90 %
Total Ash	0.1% Max	0.05%
PH	1.0-3.0	2.4
Calcium	500ppm Max	Less than 500ppm
Chloride	500ppm Max	Less than 500ppm
Sulfate	500ppm Max	Less than 500ppm
Iron	100ppm Max	Less than 100ppm
Reducing sugars	0.2% Max	<0.2%
Heavy metals	10ppm Max	<10ppm
Assay	98.0%-102.0%	99.91%
Total Bacteria Count	100Col/g Max	Complies
Endotoxin Level	10 EU/g Max	Complies
Salmonella	Negative	Complies
E.Coli	Negative	Complies
Pseudomonas aeruginosa	Negative	Complies

Storage: Store in a well-closed container at room temperature, protected from direct sunlight and Moisture, unless otherwise specified.

Conclusion: The result conforms the standard as above.

Quality Assurance Officer:

Corrector:

Analyst:



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