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Product Name: GLUCONO DELTA LACTONE – 8000KGS

Batch No.: 20230726

Manufacture Date: Jul 26.,2023

Invoice No.: CE23HB0009-01

Expire Date: Jul 25.,2025

CERTIFICATE OF ANALYSIS

Items of analysis	Specification	Results
Description	Colorless crystals or white powder	Conforms
Identification	Positive	Conforms
Assay	99.0%	99.23%
Reducing substances	0.5% Max.	<0.1%
Heavy Metals	0.002% Max.	<0.0005%
Sulphate	0.02% Max.	<0.02%
Chloride	0.02% Max.	<0.003%
Lead	2mg/kg Max.	<0.15mg/kg
Arsenic	1ppm Max.	<1ppm
Cadmium	2ppm Max	<2ppm
Solubility	Easily soluble in water hard soluble in ethanol	Complies
Loss on drying	1.0% Max	Complies
Sulphate Ash	0.1% Max	Complies
Mercury	0.1ppm Max	Complies
Melting point	150-154°C	152°C
PH Sc1%	1.5-1.8	Conform
Calcium	0.05% Max	<0.05%
Moisture	0.5% Max	0.09%

Conclusion: Complies with the requirements of USP38 Specifications.

REF PT-25027-100 LOTE 317155

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倪振宇