

Specification

Technical Data Sheet

CAS

90-80-2

STORAGE

Ambient

MOLECULAR WEIGHT

178.14

PRODUCT

D-(+)-Glucono-1,5-lactone - USP specification

Product number	90032398
CAS number	90-80-2
Molecular formula	C ₆ H ₁₀ O ₆
Molecular weight	178.14 g/mol

PARAMETER

SPECIFICATION

Appearance	White crystals
Assay	99.0-100.5%
Conclusion	Conforms to USP Specifications
Heavy metals	≤20ppm
Chlorides	≤0.02%
Iron (Fe)	≤0.001%
Moisture	≤0.5%
Particle Size	100% pass 25 mesh
Reducing Substances	≤0.5%
Residue on Ignition	≤0.001%
Solubility	Full dissoluble
Sulphated Ash	≤0.1%
Colour (10 % Solution)	Almost clear, colourless
Endotoxin content	≤ 0.2 EU/mg
Identification (IR)	Passes test
Lead (Pb)	≤10ppm

PARAMETER	SPECIFICATION
Production Date	DD/MM/YYYY
Reducing Sugars	Pass JSFA

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.
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