



SPECIFICATION

D-Mannonic acid-1,4-lactone

Product Code:	MM02634
Synonyms:	D-Mannono-1,4-lactone
CAS Number:	26301-79-1
Chemical Formula:	$C_6H_{10}O_6$
Molecular Weight:	178.14

TECHNICAL SPECIFICATION

Appearance:	White crystalline powder
Assay (HPLC):	min 98%
Specific Optical Rotation [α] _D	+50 to +54° ²⁰ (c=3, H ₂ O):
Melting Point:	Min 151°C
Identity (IR):	Conforms to structure
Solubility (3% in H ₂ O):	Clear, colourless
Sulfated ash:	Max 0.1%
Water content (Karl Fischer):	Max 0.2%