

Certificate of Analysis

Date of Testing: 2025-09-13 12:01:38

Date of Next Testing: 2028-09-12 12:01:38

Product Name: **D-Galactono-1,4-lactone**

CAS Number: 2782-07-2

Specifications & Purity: $\geq 95\%$

Lot #: I2512292

SKU #: **D695263**

Version: **1**

Analysis #: **558305**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.71 %
Specific Rotation $[\alpha]_{20/D}(c=0.8 \text{ in H}_2\text{O})$	-70~-60 ($^{\circ}$)	-70.00 $^{\circ}$
Appearance(D695263)	White to Off-White Solid	White to off-white solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



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