

Certificate of Analysis

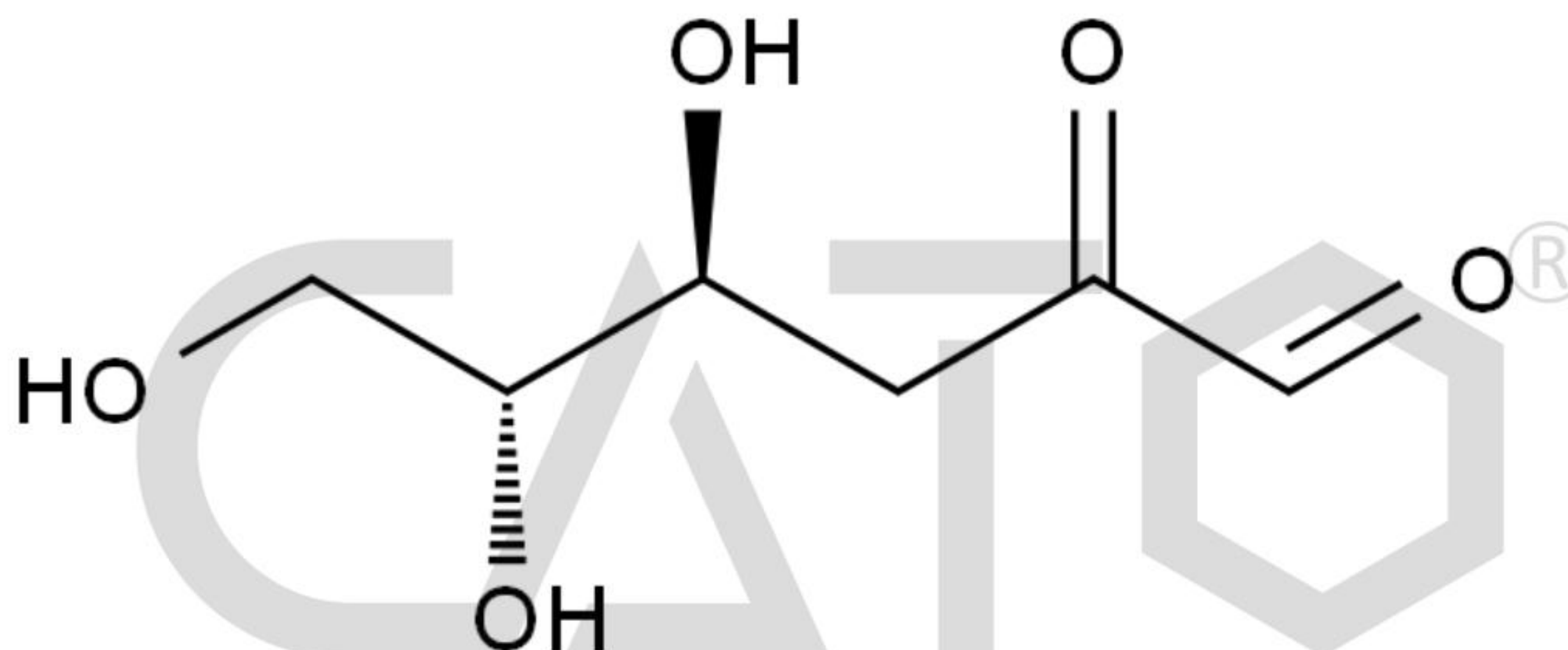
Reference Material & Standard

Product Name:	3-Deoxyglucosone	Catalogue Number:	CCHM701922
Synonyms:	N/A	Lot Number:	0913-RF-0038
CAS Number:	4084-27-9	Expiry Date:	May 16, 2027
Molecular Formula:	C ₆ H ₁₀ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	162.14	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow to Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	NMR	95.0%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 18, 2024

Date: Sep 19, 2024

Date: Sep 19, 2024



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