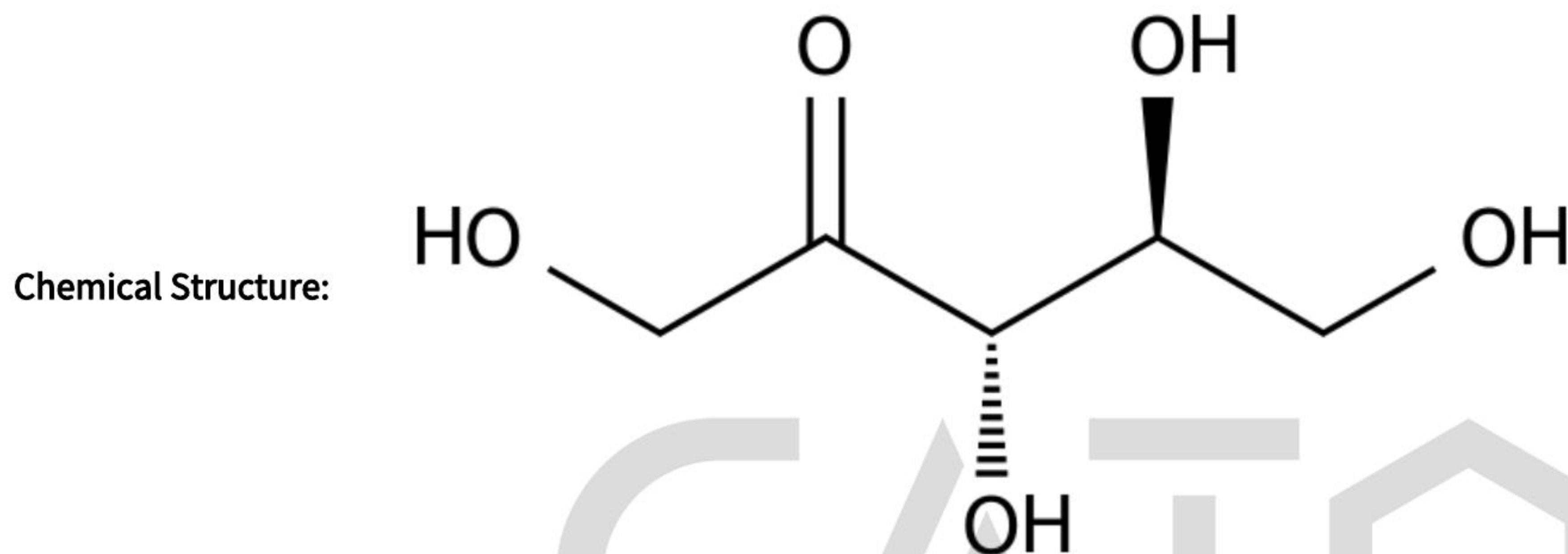


Certificate of Analysis

Reference Material

Product Name:	L-Ribulose	Catalogue Number:	CCFD201394
Chemical Name:	N/A	Lot Number:	0507-RD-0036
CAS Number:	2042-27-5	Expiry Date:	Apr 29, 2024
Molecular Formula:	C ₅ H ₁₀ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	150.13		



Test Items	Method	Results
Appearance	Visual inspection	Clear Yellow Sticky Oil
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:

Xenia

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Apr 22, 2020

Date: May 11, 2022

Date: May 11, 2022

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