

CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number

P839620

Product:

Structure:

D-Psicose

HO

CAS Number: 551-68-8

Synonym:

D-Allulose: D-Ribo-2-hexulose

Molecular Formula:

C6H12O6

Molecular weight:

180.16

Source of Product:

N/A

Solubility:

Methanol (Slightly, Heated, Sonicated), Water (Soluble,

Sonicated)

Lot Number:

20-JPO-59-1

Shippina Condition: This Product Is Stable To Be Shipped At

Room Temperature

Purity:

Storage Condition:

20°C

95%

2. Warning

Warning 1:

Appearance

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

White to Off-White Solid

NMR Conforms to Structure

Elemental Analysis Conforms

MS Conforms to Structure

Specific Rotation

Report Result

HPLC Purity Report Result Results:

White to Off-White Solid

Conforms

%C: 39.76, %H: 6.87

Conforms

 $+4.5^{\circ}$ (c = 1.0, Water)

100.00% (ELSD)

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Reviewed By

C of A Approved

Test Date

Retest Date

Evan Burns

Toni Rantanen

By Chanell Chu

7/13/2021

7/11/2025

Fivan Burns

