

1. Identification

Catalogue Number

C255250

Lot Number

32-MAR-189-2

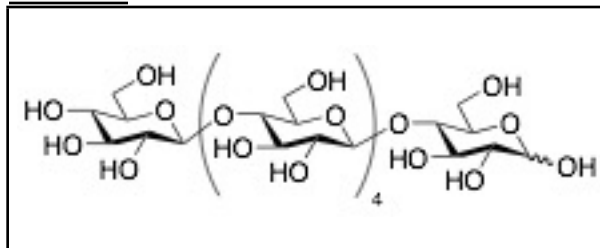
Product Name

D-(+)-Cellohexose

Synonyms

O-β-D-Glucopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-4)-D-glucose;

Structure



CAS Number

2478-35-5

Solubility

DMSO (Very Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃₆H₆₂O₃₁

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

990.9

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

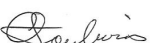
<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 41.84, %H: 6.48
HPLC Purity	>95%	99.97% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+5.2° (c = 0.5, Water)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			3/18/2024	3/16/2028
Sarbjit Kaur	Toni Rantanen	Christina Gouliaras		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		