



CERTIFICATE OF ANALYSIS

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1. Identification

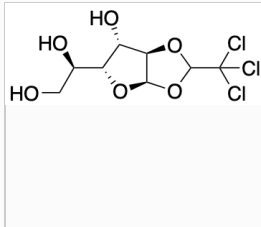
Catalogue Number: A576005

CAS Number: 15879-93-3

Product: α -Chloralose ("may contain up to xx % of beta anomer")

Synonym: 1,2-O-[(1R)-2,2,2-Trichloroethylidene]- α -D-glucofuranose; AGC; AGC (carbohydrate); Alfa 4; Alpha 4; Alphakil; Anhydroglucochloral; Aphosal; Chloralosane; Dorcalm; Dulcidor; Glucochloral; Glucochloralose; Kalmettumsomniferum; Murex; Murex (carbohydrate); Somio; α -D-Chloralose; α -Glucochloralose; α -Monotrichloroethylidene-D-glucose;

Structure:



Molecular Formula:

$C_8H_{11}O_6Cl_3$

Molecular weight:

309.52

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 9-AZP-13-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.98, %H: 3.58
HPLC Purity	Report Result	97.91% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+19.8° (c = 0.2, Ethanol; 5 Hours)

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 $\pm 2\%$. 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
Swathi Reddy

Reviewed By
Toni Rantanen

C of A Approved By
Chanell Chu

Test Date
11/5/2021

Retest Date
11/3/2025