

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-20 18:11:53

Date of Next Testing: 2024-05-09 18:11:53

Product Name: **α -Chloralose**

CAS Number: 15879-93-3

Specifications & Purity: $\geq 98\%$, beta anomer ca 15%

Lot #: E2218206

SKU #: **C106576**

Version: **1**

Analysis #: **080430**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)(beta-chloralose)	0-15 (%)	0.00000 %
Melting point	180-185 (°C)	182.16000 °C
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH}(95\text{vol}\%))$	16-19 (°)	18.95700 °
Purity(HPLC)(alpha + beta)	98-100 (%)	99.72900 %
Appearance (C106576)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH	almost transparency	almost transparency



John Su
QA & QC Manager