

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 16:36:04

Date of Next Testing: 2029-10-14 16:36:04

Product Name: **6-Chloro-3-indolyl β -D-Galactopyranoside (contains ca. 13% Ethyl Acetate) [for Biochemical Research]**

CAS Number: 138182-21-5

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: A2215347

SKU #: **C153257**

Version: **1**

Analysis #: **588488**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74100 %
specific rotation $[\alpha]_{20/D}(C=1, \text{MeOH})$	-47--43 (°)	-43.24800 °
Appearance(C153257)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager