

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-06 19:07:54

Date of Next Testing: 2026-12-05 19:07:54

Product Name: **4-Chlorophenoxyacetic acid**

CAS Number: 122-88-3

Specifications & Purity: $\geq 98\%$

Lot #: L2203302

SKU #: **C102890**

Version: **0**

Analysis #: **135764**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.34640 %
Purity(Titration by 0.1M NaOH)	98-102 (%)	99.96000 %
Melting point	157-161 (°C)	160.05000 °C
Purity(GC)	98-100 (%)	98.02800 %
Appearance (C102890)	white to faint beige powder	white to faint beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager