

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-03 17:35:40
 Date of Next Testing: 2025-04-02 17:35:40
 Product Name: **3-Chloro-2,4,5-trifluorobenzoic acid**
 CAS Number: 101513-77-3
 Specifications & Purity: $\geq 98\%$
 Lot #: C23281084
 SKU #: **C137936**
 Version: **1**
 Analysis #: **143141**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	112-116 (°C)	115.59000 °C
Purity(HPLC)	98-100 (%)	99.73100 %
Purity (Titration by NaOH)	97.5-102.5 (%)	99.60000 %
Appearance (C137936)	white to almost white to tan powder, crystals and/or chunks	white to almost white to tan powder, crystals and/or chunks
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager