

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-02 14:50:58
 Date of Next Testing: 2026-12-01 14:50:58
 Product Name: **Pyrrole-2-carboxylic acid**
 CAS Number: 634-97-9
 Specifications & Purity: $\geq 98\%$
 Lot #: K2230752
 SKU #: **P106858**
 Version: **2**
 Analysis #: **132763**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.36000 %
Purity(HPLC)	98-100 (%)	99.95000 %
Appearance (P106858)	White to Off-White to Pale Pink to brown Powder	White to Off-White to Pale Pink to brown Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Yellow to brown ,Clear;c = 5mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager