

## Certificate of Analysis

Date of Testing: 2024-12-13 16:54:13  
Date of Next Testing: 2027-12-13 16:54:13  
Product Name: **Isonicotinic acid**  
CAS Number: 55-22-1  
Specifications & Purity: AR, ≥99%  
Lot #: L2411595  
SKU #: **I101094**  
Version: **1**  
Analysis #: **427883**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.17%
Purity(HPLC)	99-100 (%)	99.55500%
Appearance (I101094)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 2N NH <sub>4</sub> OH,5%	Colorless to Yellow,Clear to Slightly Hazy	Colorless to Yellow,Clear to Slightly Hazy
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager