

## Certificate of Analysis

Date of Testing: 2022-03-20 10:40:27  
Date of Next Testing: 2026-03-19 10:40:27  
Product Name: **3-Methylpyridine-2-carboxylic acid**  
CAS Number: 4021-07-2  
Specifications & Purity: >98.0%(T)  
Lot #: C2215272  
SKU #: **M140254**  
Analysis: **062114**

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-102 (%)	99.50%
Purity(HPLC)	98-100 (%)	98.58600%
Melting point	118-121 (°C)	118.06000 °C
Appearance (M140254)	white to tan powder,crystals and/or chunks	white to tan powder,crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , very faint turbidity	pass	Pass



John Su  
QA & QC Manager