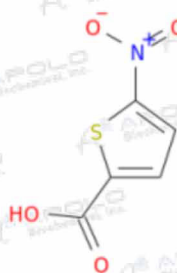


CERTIFICATE OF ANALYSIS

Product Name: 5-Nitrothiophene-2-carboxylic acid

Chemical Structure:



Lot Number: AGN2313707941

CAT Number: APL-6317379

CAS Registry Number: 6317-37-9

Manufacture Date: 10/2023

Expiry Date: 10/2025

Molecular Formula: C₅H₃NO₄S

Molecular Weight: 173.1466

Storage: RT

Analysis Data

Item	Specification	Results
Appearance	Light ochre powder	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity (NMR)	≥ 98 %	98 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Jennifer LaBrecque 10/2023
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO