

Chemical Information:

Name: 3-Pyridinecarboxylic acid
CAS No.: 59-67-6 Supplier: Sigma Aldrich
Tox21_ID No.: Tox21_201420 Lot No.: 1292168
NTP_CID No.: 4507 MW: 123.11 g/mol

Date of Analysis: 18 July 2016

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
3-Pyridinecarboxylic acid	20.40	100.00

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 475 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (5:1)
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

