

Chemical Information:

Name: 4-Fluoroaniline
CAS No.: 371-40-4
Tox21_ID No.: Tox21_202828
NTP_CID No.: 6170

Supplier: Sigma Aldrich
Lot No.: MKBG2860V
MW: 111.12 g/mol

Date of Analysis: 16 March 2017

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|-----------------|----------------------|------------------------------------|
| Unknown | 12.44 | 12.44 |
| 4-Fluoroaniline | 13.17 | 87.36 |

^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 1.0 mL/min |
| Oven Program | 35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min |
| Source Temperature | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 40 – 655 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μ L / Splitless |
| 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 |

x10⁶ + TIC Scan 20170316_MSD11_036.D

