

### Chemical Information:

Name: 2-Amino-1-phenol-4-sulfonic acid  
 CAS No.: 98-37-3 Supplier: Sigma Aldrich  
 Tox21\_ID No.: Tox21\_201044 Lot No.: 1152153  
 NTP\_CID No.: 203 MW: 189.19 g/mol

Date of Analysis: 19 June 2009

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
2-Amino-1-phenol-4-sulfonic acid	2.97	84.4
unknown	22.43	15.6

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

### LC/MS Instrument Parameters:

Instrument / Ionization	Micromass Quattro II with Shimadzu HPLC / ESI-
Solvent	Methanol
Column	Grace HP C18-AQ, 5 µm, 250 mm x 2.1 mm ID
Injection Volume	50 µL
Mobile Phase	Water (A) / methanol (B)
Program / Flow Rate	95/5 A/B for 1 minute; 10/90 in 20 minutes, hold 1 minute / 0.2 mL/minute
Cone / Corona	40 V / 3.0 kV
Source Temperature	140°C
Probe Temperature	325°C
Scan Range	100 – 800 amu
Acquisition Software	MassLynx, v 4.0

