

### Chemical Information:

Name: 2-Amino-4-chloro-5-nitrophenol  
CAS No.: 6358-07-2 Supplier: Sigma Aldrich  
Tox21\_ID No.: Tox21\_200073 Lot No.: 15811CB  
NTP\_CID No.: 204 MW: 188.57 g/mol

Date of Analysis: 17 July 2009

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
2-Amino-4-chloro-5-nitrophenol	17.25	100

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### LC/MS Instrument Parameters:

Instrument / Ionization	Micromass Quattro II with Shimadzu HPLC / ESI-
Solvent	Methanol
Column	Grace HP C18-AQ, 5 $\mu$ m, 250 mm x 2.1 mm ID
Injection Volume	20 $\mu$ L
Mobile Phase	Water (A) / acetonitrile (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	85 – 1400 amu
Acquisition Software	MassLynx, v 4.0

