

### Chemical Information:

Name: Antimony potassium tartrate  
 CAS No.: 28300-74-5 Supplier: Sigma-Aldrich  
 Tox21\_ID No.: Tox21\_202583 Lot No.: 09429EH  
 NTP\_CID No.: 4030 MW: 667.87 g/mol

Dates of Analysis:

LC/UV: 31 March 2017

LC/MS: 24 January 2017

### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Antimony potassium tartrate	1.38	85.08
unknown	1.53	6.23
unknown	1.97	5.61
unknown	3.57	3.08

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

### Instrument Parameters:

Instrument / Ionization	Shimadzu UPLC; Micromass Quattro II / ESI-
Solvent	Water
Column	Grace Alltima C18, 5 µm, 250 mm x 4.6 mm ID
Injection Volume / Detection	10 µL / 225 nm
Mobile Phase	Water (A) / Acetonitrile (B)
Program / Flow Rate	50/50 A/B for 40 minutes; 0/100 in 10 minutes, hold 10 minutes; 50/50 for 15 minutes / 1.0 mL/minute
Cone / Corona	50 V / 3.0 kV
Source Temperature	125°C
Probe Temperature	350°C
Scan Range	20 – 720 amu
Acquisition Software	LC/UV – LabSolutions, v 5.71.SP1 LC/MS – MassLynx 4.0

