

Chemical Information:

| | | | |
|---------------|--|-----------|---------------------------|
| Name: | Tetrabromobisphenol A-bis(2,3-dibromopropyl ether) | | Dates of Analysis: |
| CAS No.: | 21850-44-2 | Supplier: | Great Lakes Chemical Corp |
| Tox21_ID No.: | Tox21_202540 | Lot No.: | 534106 |
| NTP_CID No.: | 1326 | MW: | 943.61 g/mol |

LC/UV: 04 January 2017
LC/MS: 16 December 2016

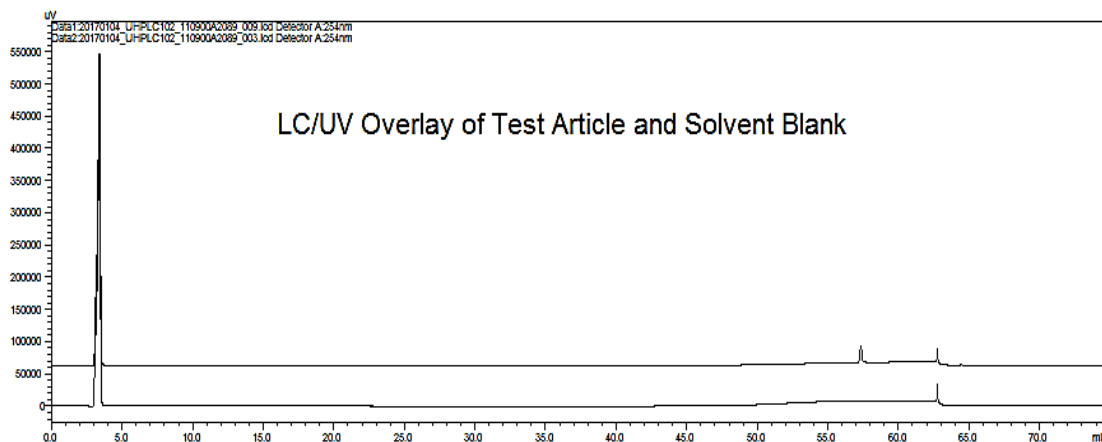
Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|--|----------------------|------------------------------------|
| Unknown | 53.65 | 3.61 |
| Unknown | 54.48 | 0.99 |
| Unknown | 55.60 | 0.98 |
| Tetrabromobisphenol A-bis(2,3-dibromopropyl ether) | 57.34 | 94.42 |

^a Peaks comprising ≥ 0.5% of total area.

Instrument Parameters:

| | |
|------------------------------|--|
| Instrument / Ionization | Shimadzu UPLC; Micromass Quattro II / ESI- |
| Solvent | Acetone |
| Column | Grace Alltima C18, 5 µm, 250 mm x 4.6 mm ID |
| Injection Volume / Detection | 10 µL / 254 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 – 1000 amu |
| Acquisition Software | LC/UV – LabSolutions, v 5.71.SP1; LC/MS – MassLynx 4.0 |



2089_AceLC1-6
20161216R058.6 (0.235) Cm (4:13)

Scan ES-
4.88e3

Major Component Mass Spectrum

