

# Chemical Information:

Name: Bisphenol A

Date of Analysis: 05 June 2009

CAS No.: 80-05-7

Supplier: Sigma-Aldrich

Tox21\_ID No.: Tox21\_202992

Lot No.: 04223EJ

NTP\_CID No.: 557

MW: 228.29 g/mol

## Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Unknown	21.18	1.19
Bisphenol A	22.72	98.32

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

## GC/MS Instrument Parameters:

Instrument / Ionization	Finnigan TraceGC Ultra with ThermoFinnigan Trace MS / Electron Impact
Solvent	Methanol
Column	HP-5MS (J&W Scientific), 30 m x 0.25 mm ID, 0.25 µm 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	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Split; 100:1
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

