

Chemical Information:

Name: 2,2',4,4'-Tetrahydroxybenzophenone
CAS No.: 131-55-5 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_202288 Lot No.: 10428LH
NTP_CID No.: 5078 MW: 246.22 g/mol

Date of Analysis: 22 July 2009

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|------------------------------------|----------------------|------------------------------------|
| 2,2',4,4'-Tetrahydroxybenzophenone | 27.02 | 100.00 |

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|---|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Acetone |
| Column | J&W Scientific HP-5MS, 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 | 230°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 | MSD Chemstation, v D.01.00 and NIST Library v 2.0f, build 10/8/2008 |

