

Chemical Information:

Name: 9,10-Dibromoanthracene
CAS No.: 523-27-3 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_202923 Lot No.: 87796MJV
NTP_CID No.: 6541 MW: 336.02 g/mol

Date of Analysis: 14 December 2016

Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|------------------------|----------------------|------------------------------------|
| 9,10-Dibromoanthracene | 47.44 | 100.00 |

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|---|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Chloroform |
| Column | Rtx-5 MS, 30 m x 0.25 mm ID, 1- μ m film thickness |
| Carrier Gas | Helium at 1.5 mL/min |
| Oven Program | 50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min |
| Source Temperature | 230°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 40 – 380 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μ L / Splitless |
| Data Analysis Software | MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2f Build 2014 |

