

Chemical Information:

Name: 4,4'-Diaminoazobenzene
 CAS No.: 538-41-0 Supplier: Acros Organics
 Tox21_ID No.: Tox21_202586 Lot No.: A0265692
 NTP_CID No.: 4185 MW: 212.25 g/mol

Date of Analysis: 11 November 2010

Purity and Identity Results:

Peak Identity ^a	Retention Time (min)
4,4'-Diaminoazobenzene	25.40

^a Identity was confirmed for the test article; however, response was not adequate for purity determination.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
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	250°C
Auxiliary Temperature	250°C
Scan Range	15 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (100:1)
Data Analysis Software	Xcalibur ver 1.2, and NIST Library ver 2.0f, build 10/08/2008

