

Chemical Information:

Name: Carbaryl
CAS No.: 63-25-2
Tox21_ID No.: Tox21_201836
NTP_CID No.: 592

Date of Analysis: 20 November 2009

Supplier: Sigma-Aldrich
Lot No.: 03418HJ
MW: 201.22 g/mol

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Carbaryl	20.57	100.00

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

GC/MS Instrument Parameters:

Instrument / Ionization	Agilent 6890N GC with Agilent 5975B inert MSD / Electron Impact
Solvent	Dichloromethane
Column	HP-5MS (J&W Scientific), 30 m x 0.25 mm ID, 0.25 μ m 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 μ L / Split; 100:1
Run Time	36.5 minutes
Data Analysis Software	MSD ChemStation, v E.02.00.SP2 and NIST Library v 2.0f, build 10/8/2008

