

# Chemical Information:

Name: Primidone (primaclone)  
CAS No.: 125-33-7 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_201948 Lot No.: 108K1015  
NTP\_CID No.: 1221 MW: 218.25 g/mol

Date of Analysis: 26 March 2010

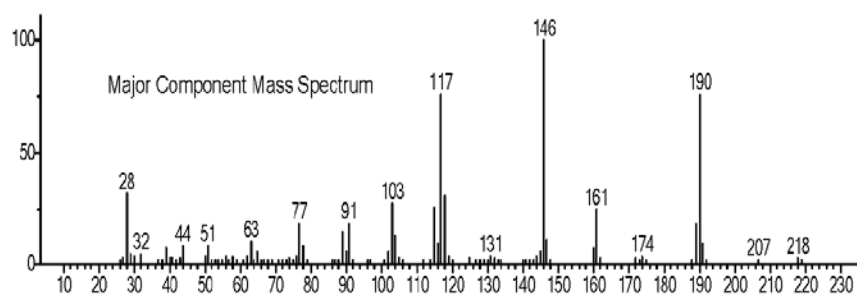
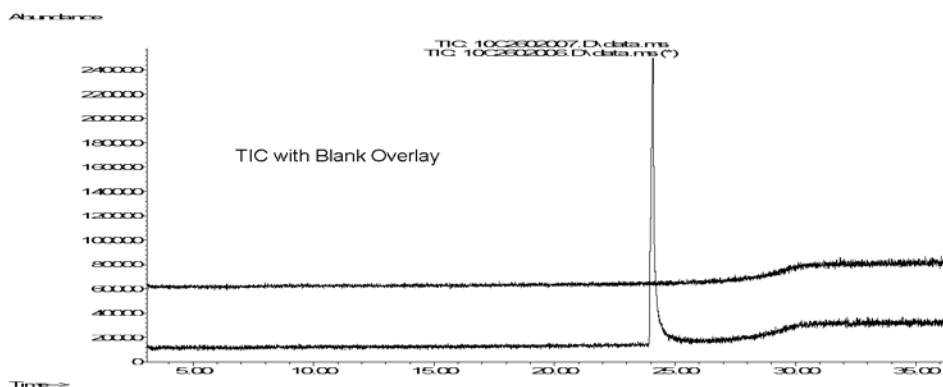
# Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Primidone	24.12	100.00

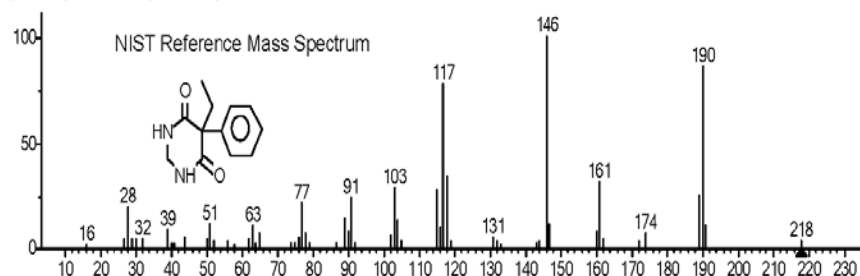
<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

# GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone (~ 1 mg/mL)
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	150°C
Injection Volume / Mode	1 μL / Split (100:1)
Data Analysis Software	MSD ChemStation v D.03.00.SP1, and NIST Library v 2.0, build 7/23/2008



(Text File) Scan 3847 (24.073 min): 10C2602007.D\data.ms



(replib) Primidone