A

Chemical Information:

Name: Ethoxyquin
CAS No.: 91-53-2
Tox21_ID No.: Tox21_201336
NTP_CID No.: 782

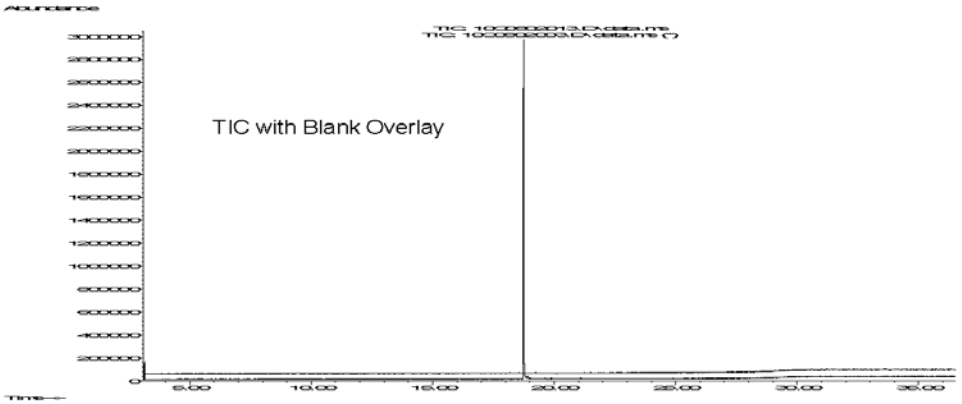
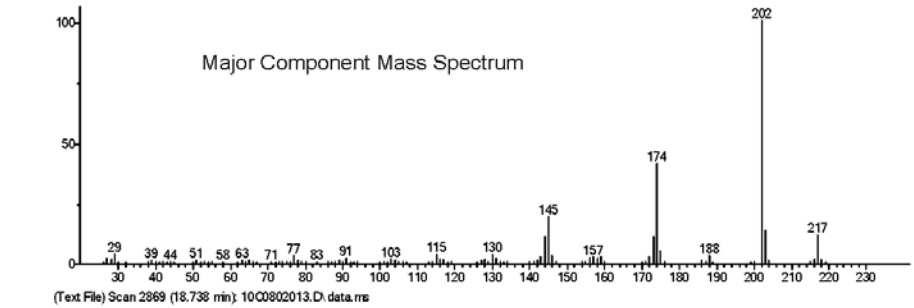
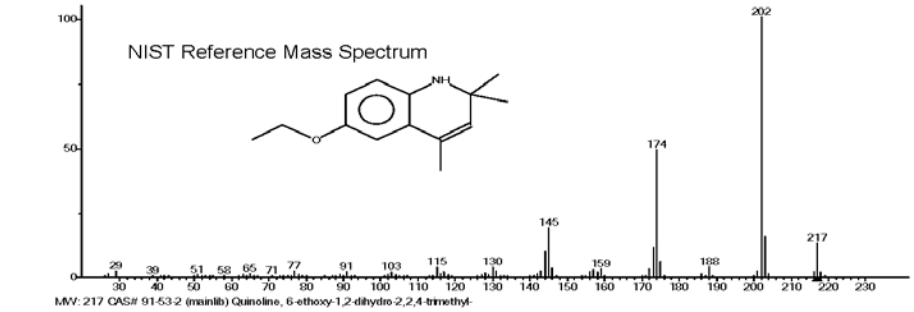
Supplier: Sigma-Aldrich
Lot No.: SZE9005X
MW: 217.31 g/mol

Date of Analysis: 08 March 2010

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)[a]
Ethoxyquin	18.74	100.00

[a] Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (~ 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	250°C
Injection Volume / Mode	1 µL / Split (100:1)
Data Analysis Software	MSD ChemStation v D.03.00.SP1, and NIST Library v 2.0f, build 10/08/2008