

Chemical Information:

Name: Propranolol hydrochloride
CAS No.: 318-98-9 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201886 Lot No.: 037K1529
NTP_CID No.: 1230 MW: 295.80 g/mol

Date of Analysis: 05 June 2009

Purity and Identity Results:

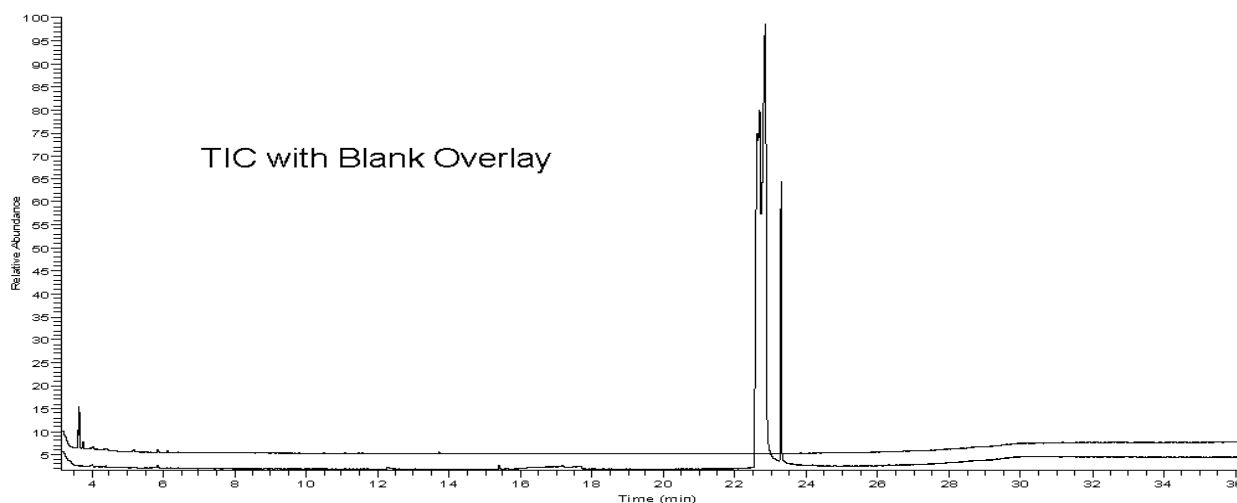
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Propranolol ^b	22.83	92.19
unknown	23.30	7.72

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

^b Identified as propranolol, as hydrochloride is not detected using GC/MS

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	J&W Scientific HP-5MS, 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	250°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	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



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T: (0.0) x (0.0) scan 350.00 Full ms [25.00-500.00]

