

Chemical Information:

Name: NuStar
CAS No.: 85509-19-9
Tox21_ID No.: Tox21_201484
NTP_CID No.: 2226

Supplier: Sigma-Aldrich
Lot No.: 4314X
MW: 315.29 g/mol

Date of Analysis: 10 December 2009

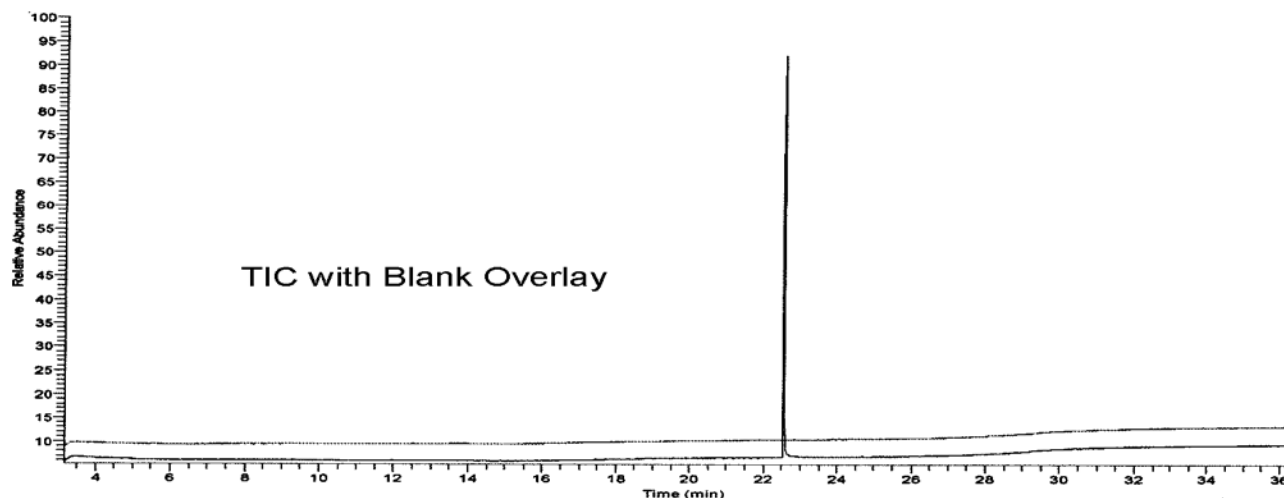
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
NuStar	22.55	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
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	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (100:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008



09.10707.82270 RT: 22.55 Ac: 1 SE: 10 22.46-22.48, 23.00-23.03 NL: 3.026E⁻⁶

