

# Chemical Information:

Name: CI Solvent yellow 14

Date of Analysis: 17 July 2015

CAS No.: 842-07-9

Supplier: Sigma Aldrich

Tox21\_ID No.: Tox21\_200511

Lot No.: S50809

NTP\_CID No.: 4647

MW: 248.28 g/mol

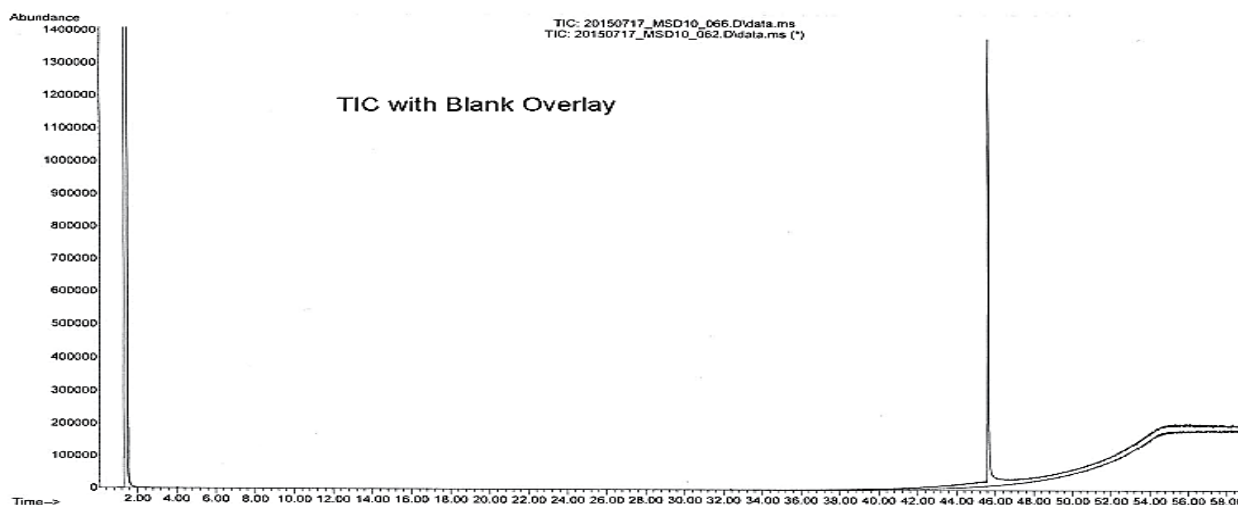
## Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Ethanol	1.50	Not applicable
CI Solvent yellow 14	45.65	100.00

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

## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / Electron Impact
Solvent	Ethanol (~ 400 µg/mL)
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness
Carrier Gas	Helium at 2 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 600 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Split (10:1)
Run Time	59 minutes
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014



Scan 7162 (45.652 min): 20150717\_MSD10\_066.D\data.ms (-7150)

2-Naphthalenol, 1-(phenylazo)-

CAS: 842-07-9; Lib: replib; ID: 22760

