

Chemical Information:

Name: 1,2-Diformylhydrazine

Date of Analysis: 26 May 2015

CAS No.: 628-36-4

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_200133

Lot No.: S26425

NTP_CID No.: 4223

MW: 88.07 g/mol

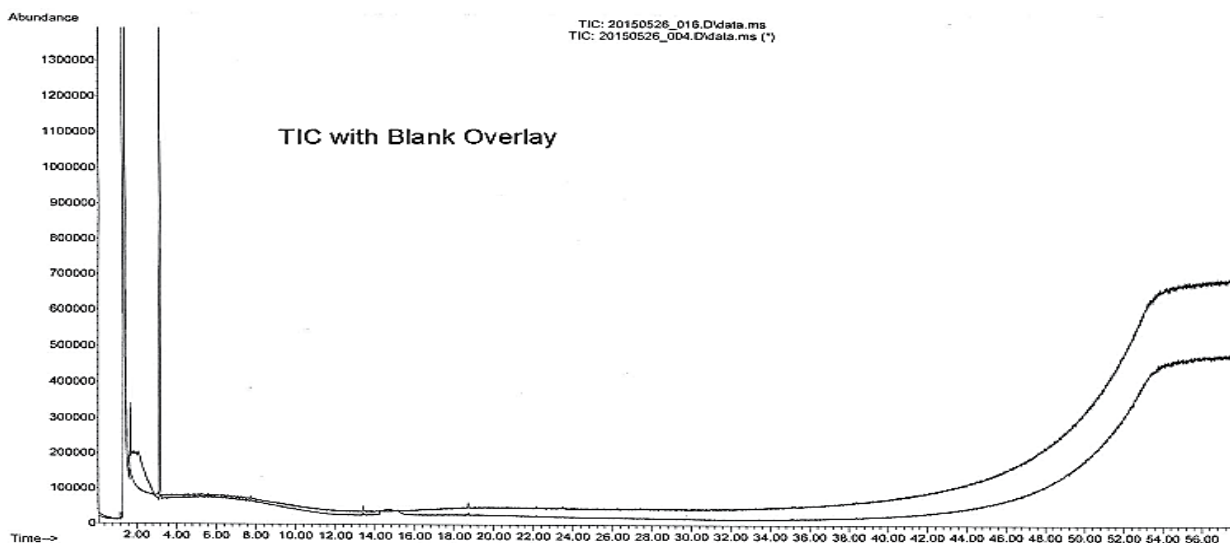
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)
1,2-Diformylhydrazine	14.66	Not determined ^a

^a Component observed and identified; however, response was insufficient to determine impurities.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol (~0.4 mg/mL)
Column	Rxi-5Sil MS, 30 m x 0.25 mm ID, 0.50-μm film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 315°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 / Splitless
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 2290 (14.656 min): 20150526_016.D\data.ms (-2611)

1,2-Hydrazinedicarboxaldehyde

CAS: 628-36-4; Lib: replib; ID: 667

