

# Chemical Information:

Name: Uracil  
 CAS No.: 66-22-8  
 Tox21\_ID No.: Tox21\_201023  
 NTP\_CID No.: 4829

Date of Analysis: 26 August 2015

Supplier: Sigma Aldrich  
 Lot No.: 047K0779  
 MW: 112.09 g/mol

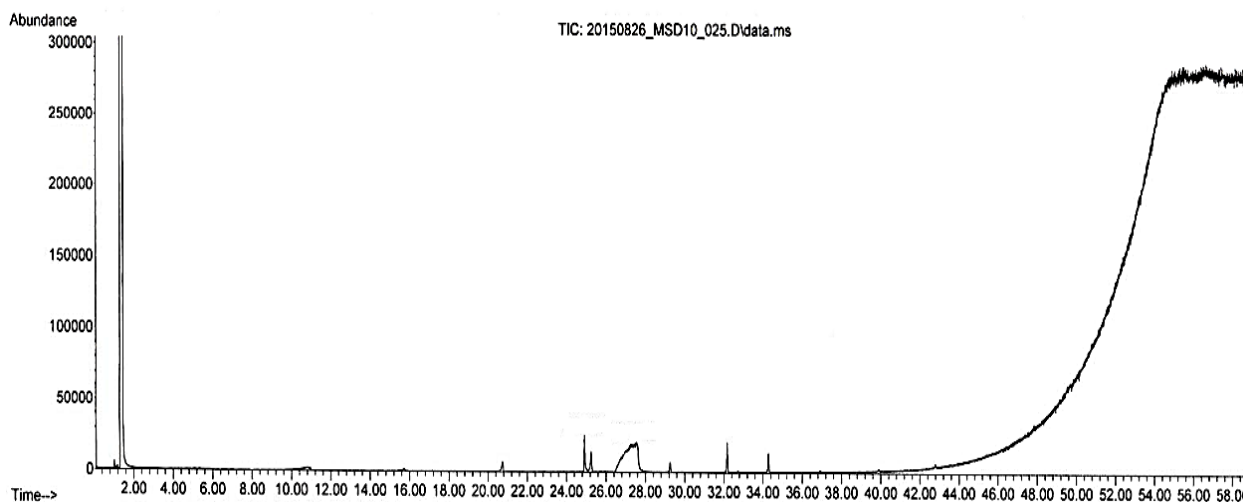
# Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)
Uracil	27.53	Not determined <sup>a</sup>

<sup>a</sup> Component observed and identified; however, response was insufficient to determine impurities.

# GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1- $\mu$ m 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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / 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



Average of 26.596 to 27.703 min.: 20150826\_MSD10\_025.D\data.ms

Uracil

CAS: 66-22-8; Lib: replib; ID: 17683

