

### Chemical Information:

Name: 1,3-Isobenzofurandione, 5,5'-carbonylbis-  
CAS No.: 2421-28-5 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200475 Lot No.: 14014TD  
NTP\_CID No.: 3651 MW: 322.23 g/mol

Date of Analysis: 04 September 2015

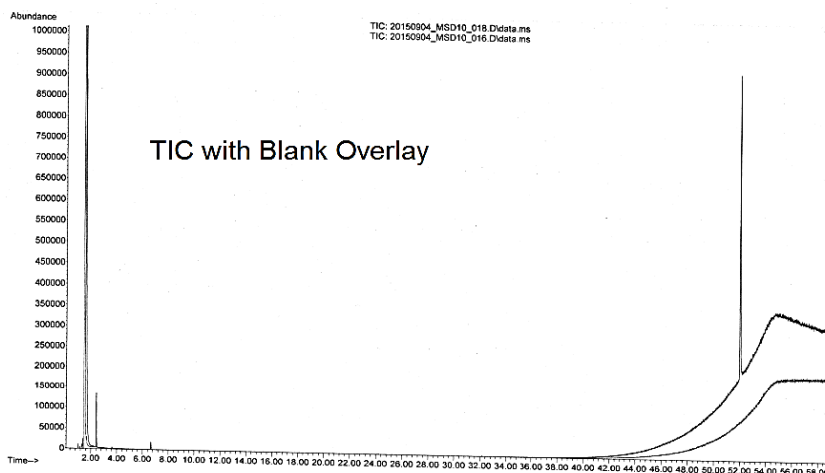
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
1,3-Isobenzofurandione, 5,5'-carbonylbis-	52.02	100.00

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 575 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (10:1)
Data Analysis Software	MSD ChemStation, ver F.01.01.2317, NIST Library ver 2.2f, build Dec 2014



Unknown: Scan 8519 (52.013 min): 20150904\_MSD10\_018.D\data.ms (-8493)  
Compound in Library Factor = 779

Hit 1: 1,3-Isobenzofurandione, 5,5'-carbonylbis-  
C17H6O7; MF: 931; RMF: 943; Prob 81.6%; CAS: 2421-28-5; Lib: mainlib; ID: 219101.

