

### Chemical Information:

Name: Trimethadione  
CAS No.: 127-48-0  
Tox21\_ID No.: Tox21\_200231  
NTP\_CID No.: 4806

Supplier: Alfa Aesar  
Lot No.: G7980A  
MW: 143.14g/mol

Date of Analysis: 06 March 2015

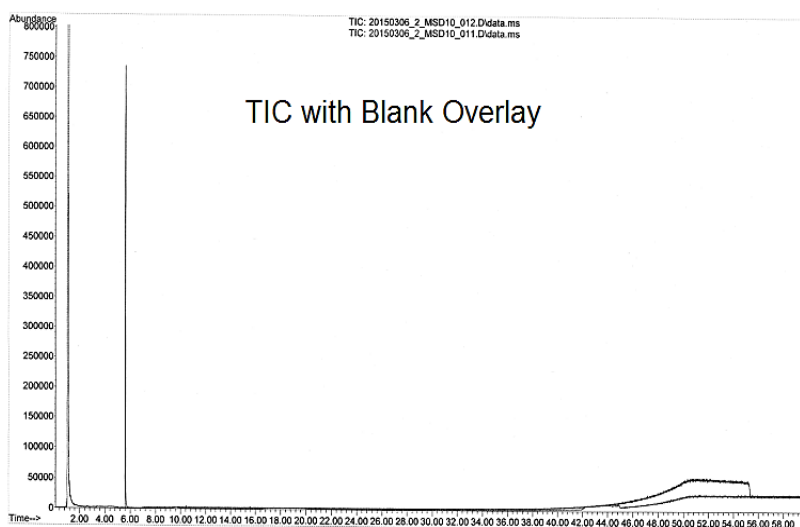
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Trimethadione	5.628	99.51

<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	Ethanol
Column	J&W DB-1, 30 m x 0.25 mm ID, 0.25- $\mu$ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 300°C, hold 10 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Splitless
Run Time	60.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005



Unknown: Scan 1026 (5.630 min): 20150306\_2\_MSD10\_012.D\data.ms  
Compound in Library Factor = 761

Hit 1: Trimethadione  
C<sub>8</sub>H<sub>9</sub>NO<sub>3</sub>; MF: 946; RMF: 962; Prob 98.5%; CAS: 127-48-0; Lib: mainlib; ID: 10902.

