

Chemical Information:

Name: Dimethadione
CAS No.: 695-53-4
Tox21_ID No.: Tox21_200496
NTP_CID No.: 4232

Supplier: Acros Organics
Lot No.: A0248478
MW: 129.12 g/mol

Date of Analysis: 06 March 2015

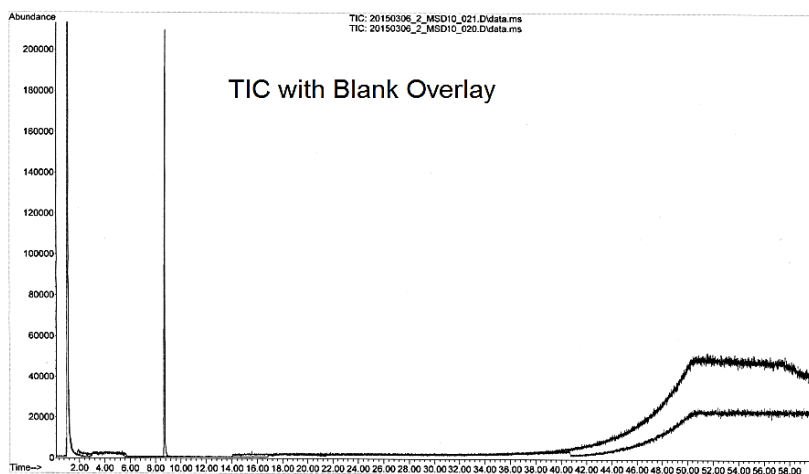
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Dimethadione	8.724	100.00

^a 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- μ m film thickness
Carrier Gas	Helium at 1.0 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 μ L / Splitless
Run Time	60.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver2.0 d, build Dec 2005



Unknown: Scan 1582 (8.687 min): 20150306_2_MSD10_021.D\data.ms
Compound in Library Factor = 415

Hit 1: Dimethadione
C₅H₇NO₃; MF: 903; RMF: 905; Prob 96.6%; CAS: 695-53-4; Lib: mainlib; ID: 7325.

