

Chemical Information:

Name: Isoamyl acetate
CAS No.: 123-92-2
Tox21_ID No.: Tox21_201257
NTP_CID No.: 871

Date of Analysis: 30 August 2007

Supplier: Aldrich Chemical Co.
Lot No.: 05838LN
MW: 130.19 g/mol

Purity and Identity Results:

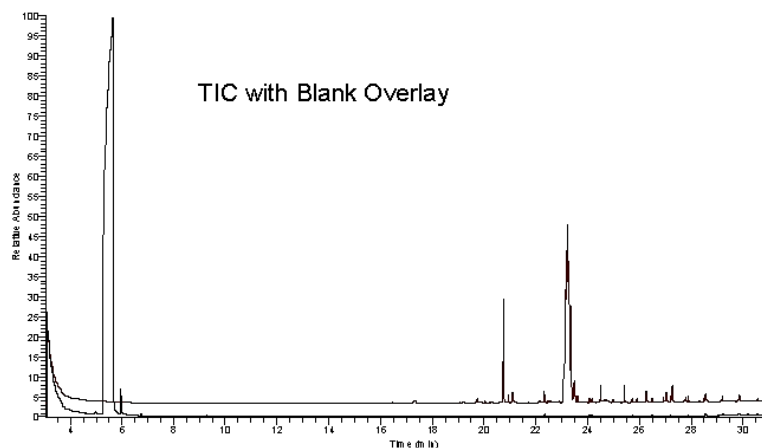
| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|-----------------|----------------------|------------------------------------|
| DMSO | 5.65 | Not applicable |
| Isoamyl acetate | 5.95 | 99.30 |
| unknown | 8.54 | 0.70 |

^a Peaks comprising $\geq 0.5\%$ of total area.

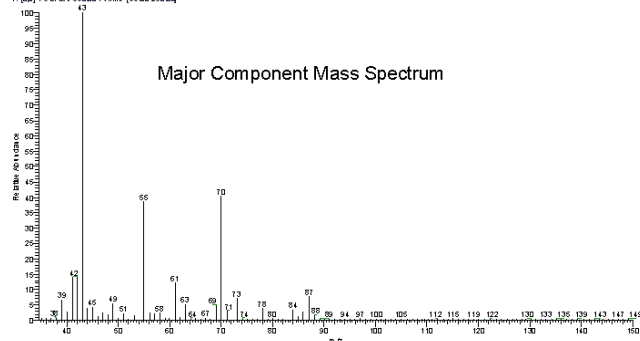
GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact |
| Solvent | Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane) |
| Column | J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness |
| Carrier Gas | Helium at 1.0 mL/min |
| Oven Program | 35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min |
| Source Temperature | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 35 – 250 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 2 μ L / Splitless |
| Run Time | 31.5 minutes |
| Data Analysis Software | Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999 |

RT:3.05-31.50 SIM:30



DTA2001 #715 RT:5.95 AC:1 NL:1.14E5
T: (0.0) + c:EI @ 350.00 F:file: [35.00-250.00]



NIST Reference Mass Spectrum

