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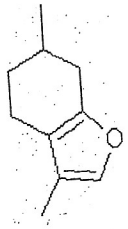
ANALYTICAL CONDITIONS

# G C ANALYSIS

# Menthofuran



## 026557S Batch: 28

### IDENTIFICATION

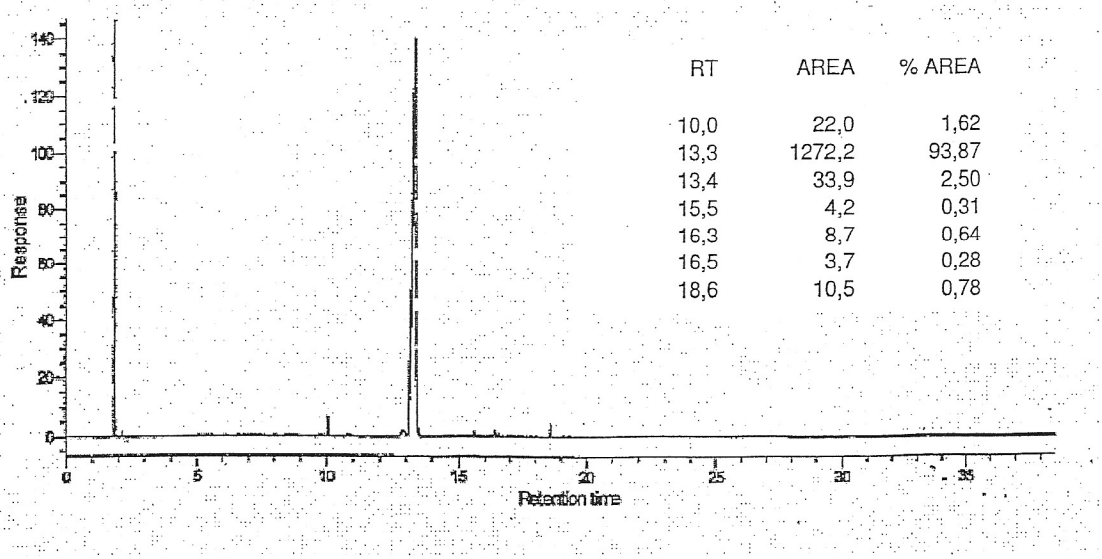
| | |
|---|---|
| CAS Number | [494-90-6] |
| Molecular formula | $C_{10}H_{14}O$ |
| Molecular weight | 150.22 |

### ANALYSIS

| TEST | SPECIFICATION *(October 2009, version 01)* | RESULT |
|---|---|---|
| Appearance | Liquid | Conform |
| Assay (GC)* | ≥90% | Conform |

### GC

| | |
|---|---|
| Column | OV1 capillary 33m x 0.25 mm |
| Temperature | Column 60°C to 105°C (5°C/min), 105°C to 250°C (10°C/min), Then isotherm 250°C (20 min) Injector 250°C, Detector 250°C |
| Detector | FID |
| Carrier gas | N2 1.1bar |
| Sample solvent | Isopropanol |




| RT | AREA | % AREA |
|---|---|---|
| 10,0 | 22,0 | 1,62 |
| 13,3 | 1272,2 | 93,87 |
| 13,4 | 33,9 | 2,50 |
| 15,5 | 4,2 | 0,31 |
| 16,3 | 8,7 | 0,64 |
| 16,5 | 3,7 | 0,28 |
| 18,6 | 10,5 | 0,78 |

Date of last QC-recheck: *April 2010*
Date of retest: *April 2014*

***The values given on the 'Certificate of Analysis' are the results determined at the time of analysis***

Storage -Store at +2/8°C.