

# Chemical Information:

Name: Musk ambrette  
CAS No.: 83-66-9  
Tox21\_ID No.: Tox21\_201195  
NTP\_CID No.: 995

Supplier: Sigma-Aldrich  
Lot No.: C12H16N2O5  
MW: 268.27 g/mol

Date of Analysis: 26 June 2007

## Purity and Identity Results:

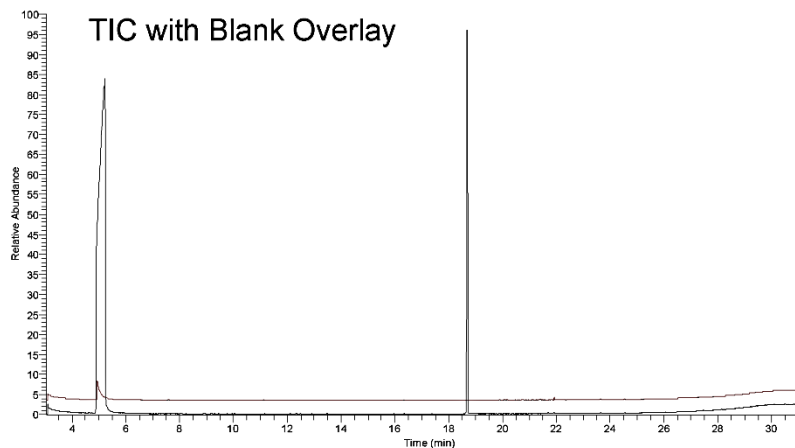
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.23	Not applicable
Musk ambrette	18.69	99.43

<sup>a</sup> Peaks comprising ≥ 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-μm 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	50 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / 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 - 31.49 SM 3G



072612 #1881 RT: 18.68 AU: 1 NL: 2.75E6  
T: (0.0) + c El det=350.00 Full ms ( 50.00-350.00)

