

Chemical Information:

Name: Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt Dates of Analysis:
CAS No.: 137-16-6 Supplier: Sigma-Aldrich LC/UV: 31 March 2017
Tox21_ID No.: Tox21_202996 Lot No.: 038K0767 LC/MS: 24 January 2017
NTP_CID No.: 2756 MW: 293.38 g/mol

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	13.35	99.74

^a Peaks comprising ≥ 0.5% of total area.

Instrument Parameters:

Instrument / Ionization	Shimadzu UPLC; Micromass Quattro II / ESI+
Solvent	Water
Column	Grace Alltima C18, 5 µm, 250 mm x 4.6 mm ID
Injection Volume / Detection	10 µL / 225 nm
Mobile Phase	Water (A) / Acetonitrile (B)
Program / Flow Rate	50/50 A/B for 40 minutes; 0/100 in 10 minutes, hold 10 minutes; 50/50 for 15 minutes / 1.0 mL/minute
Cone / Corona	50 V / 3.0 kV
Source Temperature	125°C
Probe Temperature	350°C
Scan Range	20 – 720 amu
Acquisition Software	LC/UV – LabSolutions, v 5.71.SP1 LC/MS – MassLynx 4.0

