



## Certificate of Analysis.

### n-Heptane for LC-MS, ChromSolv<sup>®</sup>.

Product code:	<b>BS11901.</b>
Description:	<b>n-Heptane for LC-MS, ChromSolv<sup>®</sup>.</b>
Chemical Name:	<b>Dipropylmethane.</b>
Pack:	<b>1 lit.</b>
CAS NO.:	<b>142-82-5.</b>
Mol. Weight:	<b>100.21g/mol.</b>
Mol. Formula:	<b>C<sub>7</sub>H<sub>16</sub>.</b>
MDL Number:	<b>MFCD00009544.</b>
Solubility:	<b>Miscible in chloroform.</b>
Density:	<b>0.683-0.684 g/ml.</b>
Melting Point:	<b>-91.0 °C.</b>
Boiling Point:	<b>97 - 98 °C.</b>
Autoignition Temperature:	<b>223.0 °C (433.4 °F; 496.1 K).</b>
Viscosity:	<b>0.389 mPa·s.</b>
Appearance:	<b>Clear colourless liquid.</b>
Acidity	<b>≤ 0.0001.</b>
Alkalinity:	<b>≤ 0.0002.</b>
Moisture Content (KF):	<b>Max. 0.01%.</b>
Residue after evaporation:	<b>≤ 0.0002 %.</b>
UV transmission at 195 nm:	<b>≥10.</b>
UV transmission at 200 nm:	<b>≥20.</b>
UV transmission at 210 nm:	<b>≥40.</b>
UV transmission at 240 nm:	<b>≥98.</b>
Heavy Metals (Pb):	<b>Max. 0.00001%.</b>
Sulphur Compound (S):	<b>Max. 0.005%.</b>
Iron (Fe):	<b>Max. 0.00001%.</b>
Suitable for LC-MS (ESI positive):	<b>Confirms.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>
Purity (LC-MS):	<b>&gt;99.8 % (Lot specific).</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



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