



## Certificate of Analysis.

### N-Methyl-2-PyrrolidoneNMP, AnStan™ GC Reference Standard.

Product Code:	<b>BS10091.</b>
Description:	<b>N-Methyl-2-PyrrolidoneNMP, AnStan™ GC Reference Standard.</b>
Chemical Name:	<b>1-methylpyrrolidin-2-one.</b>
Pack Size:	<b>100 ml.</b>
CAS NO.:	<b>872-50-4.</b>
Mol. Weight:	<b>99.133 g/mol.</b>
Mol. Formula:	<b>C<sub>5</sub>H<sub>9</sub>NO.</b>
MDL Number:	<b>MFCDD00003193.</b>
Solubility:	<b>Soluble in Water.</b>
Density:	<b>1.028 g/cm<sup>3</sup>.</b>
Melting Point:	<b>-24°C.</b>
Boling Point:	<b>203°C.</b>
Autoignition Temperature:	<b>245°C.</b>
Viscosity:	<b>1.89 mPa. s (25 °C).</b>
Storage:	<b>Store in a cool, dry well-ventilated location.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot Specific.</b>
Expiry Date:	<b>3 Years.</b>

Characteristics	Specification	Measured Values
Appearance:	<b>Clear colorless liquid.</b>	<b>Lot specific.</b>
Purity GC/FID:	<b>Min. 99.80 %.</b>	<b>Lot Specific.</b>
Water (KF):	<b>Max. 0.030 % w/w.</b>	<b>Lot Specific.</b>
Residue after evaporation:	<b>Max. 0.001 %w/w.</b>	<b>Lot Specific.</b>
Identity (IR):	<b>Confirms to structure.</b>	<b>Lot specific.</b>
Identification by GC/MS	<b>Confirm.</b>	<b>Lot specific.</b>
<sup>1</sup> H NMR spectrum:	<b>Confirms to structure.</b>	<b>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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