

Effective from: 2020-04-30
 Author: Quality Assurance
 Intermediates (Europe)
 Revision: 1.1
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Product Specification

Product name: **N-Methylpyrrolidone Life Science**

CAS-Number: **872-50-4**

PRD-Number: **30502261**

<u>Test Parameter</u>	<u>Specification</u>	<u>Test Method</u>
Assay (incl. Dimethylpyrrolidone)	min. 99.80%	GC (BASF test method)
Dimethylpyrrolidone	max. 0.40%	GC (BASF test method)
Butyrolactone	max. 0.05%	GC (BASF test method)
Water	max. 0.03%	DIN 51 777
Color	max. 50 APHA	DIN EN 1557
Monomethylamine	max. 1 mg/kg	IC (BASF test method)
Dimethylamine	max. 1 mg/kg	IC (BASF test method)
Trimethylamine	max. 1 mg/kg	IC (BASF test method)
Al	max. 5 µg/kg	ICP/MS (BASF test method)
B	max. 5 µg/kg	ICP/MS (BASF test method)
Ca	max. 5 µg/kg	ICP/MS (BASF test method)
Cd	max. 5 µg/kg	ICP/MS (BASF test method)
Co	max. 5 µg/kg	ICP/MS (BASF test method)
Cr	max. 5 µg/kg	ICP/MS (BASF test method)
Cu	max. 5 µg/kg	ICP/MS (BASF test method)
Fe	max. 5 µg/kg	ICP/MS (BASF test method)
K	max. 5 µg/kg	ICP/MS (BASF test method)

Disclaimer:

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Mg	max. 5 µg/kg	ICP/MS (BASF test method)
Mn	max. 5 µg/kg	ICP/MS (BASF test method)
Na	max. 5 µg/kg	ICP/MS (BASF test method)
Ni	max. 5 µg/kg	ICP/MS (BASF test method)
Pb	max. 5 µg/kg	ICP/MS (BASF test method)
Sn	max. 5 µg/kg	ICP/MS (BASF test method)
Ti	max. 5 µg/kg	ICP/MS (BASF test method)
Zn	max. 5 µg/kg	ICP/MS (BASF test method)

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