

Effective from: 2020-04-30  
Author: Quality Assurance  
Intermediates (Europe)  
Revision: 0  
Page: 1 of 2

## Product Specification

Product name: **NMP BG - Battery Grade**

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

PRD-Number: **30701761**

<u>Test Parameter</u>	<u>Specification</u>	<u>Test Method</u>
Assay (incl. Dimethylpyrrolidone)	99.85%	GC (BASF test method)
Butyrolactone	max. 0.05%	GC (BASF test method)
Water	max. 0.03%	DIN 51 777
Color	max. 20 APHA	DIN EN 1557
Monomethylamine	max. 15 mg/kg	IC (BASF Test method)
Dimethylamine	max. 15 mg/kg	IC (BASF Test method)
Trimethylamine	max. 15 mg/kg	IC (BASF Test method)
K	max. 30 µg/kg	ICP/MS (BASF Test method)
Na	max. 30 µg/kg	ICP/MS (BASF Test method)
Cu	max. 30 µg/kg	ICP/MS (BASF Test method)
Cr	max. 30 µg/kg	ICP/MS (BASF Test method)
Mg	max. 30 µg/kg	ICP/MS (BASF Test method)
Fe	max. 50 µg/kg	ICP/MS (BASF Test method)
Ni	max. 50 µg/kg	ICP/MS (BASF Test method)
Ca	max. 50 µg/kg	ICP/MS (BASF Test method)
Al	max. 100 µg/kg	ICP/MS (BASF Test method)
Pb	max. 100 µg/kg	ICP/MS (BASF Test method)

**Disclaimer:**

*The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled in regular intervals as part of our quality assurance program. SELLER MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, BY FACT OR LAW, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE..*

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Zn	max. 100 µg/kg	ICP/MS (BASF Test method)

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