

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>MOPS buffer grade for biochemistry</b>
<b>Brand</b>	BioFroxx

Product number	1173
Synonym(s)	3-Morpholinopropanesulfonic acid
Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub> S
Molecular weight	209.27 g/mol
CAS number	1132-61-2
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (titr.)	min. 99.5 %
pH (0.1 M in water)	3.5 - 4.5
Melting point	approx. 280°C
Infrared spectrum	conforms to Structure
Na	max. 0.0005 %
Fe	max. 0.0005 %
Pb	max. 0.0005 %
A (1 cm/0.1 M in water)	
260 nm	max. 0.05
280 nm	max. 0.05
Water (K.F.)	max. 0.2 %

Einhausen, 31.03.2020