

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	MOPS buffer grade for biochemistry
Product number	1173
Synonyms	3-Morpholinopropanesulfonic acid
Formula	C ₇ H ₁₅ NO ₄ S
Molecular weight	209.27 g/mol
CAS number	1132-61-2
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Assay (titr.)	>= 99.5 %
pH (0.1 M in water, 20°C)	3.5 - 4.5
Melting point	approx. 280°C
Identity (IR) (revised)	corresponds to structure
Sodium (Na)	<= 0.0005 %
Iron (Fe)	<= 0.0005 %
Lead (Pb)	<= 0.0005 %
Absorbance (0.1 M in water)	
260 nm	<= 0.05
280 nm	<= 0.05
Water	<= 0.2 %

Einhausen, 06.06.2024