

neoFroxx GmbH

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Specification

Product	HEPES buffer grade for biochemistry
Product number	1112
Synonyms	4-(2-Hydroxyethyl)-1-piperazine-1-ethanesulfonic acid, N-(2-Hydroxyethyl)-piperazine-N'-2-ethanesulfonic acid
Formula	C ₈ H ₁₈ N ₂ O ₄ S
Molecular weight	238.31 g/mol
CAS number	7365-45-9
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Assay (titr.)	>= 99.5 %
pH (1 % in water, 20°C)	4.7 - 6
Heavy metals (as Pb)	<= 0.001 %
Water	<= 0.5 %
Chloride (Cl)	<= 0.05 %
Sulfate (SO ₄)	<= 0.05 %
Absorbance (1 M in water)	
260 nm	<= 0.1
280 nm	<= 0.05

Einhausen, 06.06.2024