

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen

+49 6251 989 240

coa@neofroxx.com

www.neofroxx.com

Specification

Product	Boric acid for molecular biology
Product number	1252
Synonyms	Boracic acid, ortho-Boric acid, Trihydrogenborate
Formula	H ₃ BO ₃
Molecular weight	61.83 g/mol
CAS number	10043-35-3
Storage	below 25°C
Retest period (months)	60

Parameter	Specification
Assay (titr.)	>= 99.8 %
DNases/RNases/Proteases	not detectable
pH (5 % in water, 20°C)	3.5 - 4.8
Water	<= 0.3 %
Chloride (Cl)	<= 0.001 %
Phosphate (PO ₄)	<= 0.0002 %
Sulfate (SO ₄)	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Calcium (Ca)	<= 0.002 %
Copper (Cu)	<= 0.0005 %
Iron (Fe)	<= 0.0002 %
Magnesium (Mg)	<= 0.0005 %
Sodium (Na)	<= 0.002 %
Lead (Pb)	<= 0.0005 %

Einhausen, 21.07.2024