

ortho-Boric acid, crystallized AnalAR NORMAPUR® analytical reagent

Assay	99.8 to 100.5 %	Organic impurities	Passes test
Solution in water	Passes test	Heavy metals (as Pb)	Max. 5 ppm
Insolubility in methanol	Max. 50 ppm	Insolubility in water	Max. 50 ppm
Non-esterifiable impurities	Max. 0.1 %	Non-volatile with methanol/ HCl	Max. 0.05 %
NH ₄ (Ammonium)	Max. 20 ppm	Cl (Chloride)	Max. 3 ppm
PO ₄ (Phosphate)	Max. 5 ppm	SO ₄ (Sulphate)	Max. 5 ppm
As (Arsenic)	Max. 0.5 ppm	Ca (Calcium)	Max. 20 ppm
Cu (Copper)	Max. 2 ppm	Fe (Iron)	Max. 1 ppm
Mg (Magnesium)	Max. 5 ppm	Pb (Lead)	Max. 5 ppm

Cat. No.	Pk	Pack type
20185.260	500 g	Plastic bottle for solids
20185.297	1 kg	Plastic bottle for solids
20185.360	5 kg	Plastic bottle for solids
20185.460	25 kg	Cardboard carton

ortho-Boric acid, crystallized Ph. Eur.

Assay	99.0 to 100.5 %
Appearance	White crystalline powder
Identification A	Passes test
Identification B	Passes test
Solution S	Passes test
Appearance of solution	Passes test
pH (3.3 %)	3.8 to 4.8
Solubility in alcohol	Passes test
Organic matter	Passes test
SO ₄ (Sulphate)	Max. 450 ppm
Heavy metals (as Pb)	Max. 15 ppm
Residual solvents	Passes test

Cat. No.	Pk	Pack type
20181.294	1 kg	Plastic bottle for solids
20181.363	5 kg	Plastic bottle for solids
20181.465	25 kg	Bucket (Plastic)

ortho-Boric acid, crystallized GPR RECTAPUR®

Assay	Min. 99 %
Heavy metals (as Pb)	Max. 20 ppm
Non-volatile with methanol/ HCl	Max. 0.2 %
Cl (Chloride)	Max. 20 ppm
SO ₄ (Sulphate)	Max. 100 ppm
Fe (Iron)	Max. 10 ppm

Cat. No.	Pk	Pack type
20182.297	1 kg	Plastic bottle for solids
20182.366	5 kg	Plastic bottle for solids

ortho-Boric acid, powder GPR RECTAPUR®

Assay	Min. 99 %
Heavy metals (as Pb)	Max. 20 ppm
Non-volatile with methanol/ HCl	Max. 0.2 %
Cl (Chloride)	Max. 20 ppm
SO ₄ (Sulphate)	Max. 0.025 %
Fe (Iron)	Max. 10 ppm

Cat. No.	Pk	Pack type
20183.291	1 kg	Plastic bottle for solids
20183.360	5 kg	Bucket (Plastic)

ortho-Boric acid, crystallized Gen-Apex® Molecular biology grade

Assay	Min. 99.5 %
Colouration (0.1 mol/l; water)	Max. 10 APHA
Heavy metals (as Pb)	Max. 5 ppm
Transmittance (230 nm) (0.1 mol/l)	Min. 90 %
Transmittance (260 nm) (0.1 mol/l)	Min. 95 %
Transmittance (280 nm) (0.1 mol/l)	Min. 97 %
Transmittance (320 nm) (0.1 mol/l)	Min. 99 %

Cat. No.	Pk	Pack type
33601.261	500 g	Plastic bottle for solids

VWR CHEMICALS ortho-Boric acid, proteomics grade

Calcium	0.005 %
Chloride	0.001 %
DNase	NONE
Heavy Metals (as Pb)	0.001 %
Insolubles (Methanol)	0.005 %
Iron	0.001 %
Nonvolatiles (Methanol)	0.05 %
Phosphate	0.001 %
Protease	NONE
Purity	99.5 %
RNase	NONE
Sulfate	0.01 %

Cat. No.	Pk	Pack type
M139-500G	500 g	Plastic bottle for solids
M139-1KG	1 kg	Plastic bottle for solids
M139-2.5KG	2,5 kg	Plastic bottle for solids

ortho-Boric acid Molecular biology grade

Assay	Min. 99.5 %
Identification	Passes test
DNases	Not detected
RNases	Not detected
Proteases	Not detected
Absorbance (260 nm) (0,05 mol/l)	Max. 0.01
Absorbance (280 nm) (0,05 mol/l)	Max. 0.01
Heavy metals (as Pb)	Max. 0.001 %
pH (20 °C; 5 %)	3.8 to 4.8
Water	Max. 0.3 %
Cl (Chloride)	Max. 0.001 %
PO ₄ (Phosphate)	Max. 0.0002 %
SO ₄ (Sulphate)	Max. 0.005 %
As (Arsenic)	Max. 0.0001 %
Ca (Calcium)	Max. 0.002 %
Cu (Copper)	Max. 0.0005 %
Fe (Iron)	Max. 0.0002 %
Mg (Magnesium)	Max. 0.0005 %
Na (Sodium)	Max. 0.002 %
Pb (Lead)	Max. 0.0005 %

Cat. No.	Pk	Pack type
443904S	500 g	Plastic bottle
443905T	1 kg	Plastic bottle

ortho-Boric acid, crystallized TECHNICAL

Assay	Min. 98 %
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Cat. No.	Pk	Pack type
20177.290	1 kg	Plastic bottle for solids
20177.368	5 kg	Bucket (Plastic)

ortho-Boric acid (0.1 - < 5.5%) in aqueous solution

CAS 10043-35-3

EINECS: 233-139-2

B(OH)₃

Storage Temperature: Ambient temperature

ortho-Boric acid 40 g/l in aqueous solution

Assay	3.9 to 4.1 %
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Cat. No.	Pk	Pack type
5792.5000	5 l	Plastic container

ortho-Boric acid 20 g/l in aqueous solution

Assay	1.9 to 2.1 %
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Cat. No.	Pk	Pack type
2733.5000	5 l	Plastic container