



Material	20181.294
Material description	ortho-Boric acid
Grade	Ph.Eur. crystallized
CAS Number	10043-35-3
Molecular formula	H3BO3
Molecular mass	61.83
Additional information	

Characteristics	Specifications
Assay	99.0 --> 100.5 %
Appearance	Conforms (see CoA/CoS)
Identification A	Passes test
Identification B	Passes test
Solution S	Passes test
Appearance of solution	Passes test
pH (3.3 %)	3.8 --> 4.8
Solubility in ethanol 96 %	Passes test
Organic matter	Passes test
SO4 (Sulphate)	Max. 450 ppm
Heavy metals (as Pb)	Max. 15 ppm
Residual solvents	Unlikely by manuf.process
As (Arsenic)	Max. 2 ppm
Cd (Cadmium)	Max. 1 ppm
Co (Cobalt)	Max. 1 ppm
Hg (Mercury)	Max. 2 ppm
Ni (Nickel)	Max. 4 ppm
Pb (Lead)	Max. 2 ppm
V (Vanadium)	Max. 1 ppm
Conforms to Ph.Eur.	Passes test

Signature	Additional information
<p>We certify that this batch conforms to the specifications listed above.</p> <p>This document has been produced electronically and is valid without a signature.</p> <p>Anja Vanhalle, Head of Laboratory - Haasrode VWR International bvba; Geldenaaksebaan 464; BE-3001 Leuven; Belgium</p>	<p>Appearance: White or almost white, crystalline powder, colourless, shiny plates greasy to the touch, or white or almost white crystals.</p> <p>Not for use as Active Pharmaceutical Ingredient (API)</p>