

**Boric acid, solution 4% w/v****Identification**

H<sub>3</sub>BO<sub>3</sub>  
M = 61,83 g/mol  
CAS [10043-35-3]  
EC number: 233-139-2  
Taric code: 2810 00 90

**Synonyms**

Orthoboric acid solution

**Applications**

analytical chemistry, in the pharmaceuticals industry, in pesticide compositions, titrant in volumetric analysis.

**Specifications**

assay (acidimetric).....	approx. 4 %	sulfates (SO <sub>4</sub> ).....	max. 0,0005 %
chlorides (Cl).....	max. 0,0003 %	arsenic (As).....	max. 0,5 ppm
phosphates (as PO <sub>4</sub> ).....	max. 0,0005 %	heavy metals (as Pb).....	max. 5 ppm
		iron (Fe).....	max. 1 ppm

**Physical data**

• Density: 1,015 g/cm<sup>3</sup>

**Transport/storage**

• 10°C - 30°C