



Specification

Concerning Product:	
Article number	10043353ETB
Trade name / designation / denomination	Borsäure, technisch Boric Acid, technical
CAS number	10043-35-3
Other names / synonyms	•BORIC ACID; •BORIC ACID, ACS; •Boric Acid, Crystal, NF; •Boric Acid, Crystal, Reagent, ACS; •Boric Acid, Granular, BiotechGrade; •Boric Acid, Granular, NF, EP, BP, JP; •Boric Acid, Granular, Reagent, ACS; •Boric Acid, Granular, Technical; •Boric Acid, Powder, BiotechGrade; •Boric Acid, Powder, NF;
EC number	233-139-2
EC index number	005-007-00-2
Customs tariff number / CN code / TARIC	28100090
Molecular weight [g / mol]	61.83302
Formula	BH ₃ O ₃
Danger UN -/-, , May damage fertility or the unborn child . Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. Dispose of contents/ container in accordance with local/regional/(inter)national regulations.	

Parameter	Specification	Unit
Organoleptic test		
Colour	white	
Identity		
Assay	99,92 – 101,107	%
Impurities		
Sulphates (SO ₄)	≤ 130	ppm
Related substances	Boric acid anhydride 56,25 – 56,90	% [w/w]
Elemental Impurities		
Chlorides (Cl)	≤ 5	ppm
Iron (Fe)	≤ 4	ppm
Particle size distribution		
Particles	< 0,063 mm: ≤ 4,0	%
Particles	> 1 mm: ≤ 4,0	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Jul. 2026

LF-Basis: ()

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