



Specification

Concerning Product:	
Article number	1303964QPE
Trade name / designation / denomination	di-SODIUM TETRABORATE 10-HYDRATE PE
CAS number	1303-96-4
Other names / synonyms	•BORAX; •Borax (B ₄ Na ₂ O ₇ ·10H ₂ O); •SODIUM BORATE, ACS; •Sodium Borate, Decahydrate, BiotechGrade; •Sodium Borate, Decahydrate, Crystal, Reagent, ACS; •Sodium Borate, Decahydrate, NF; •Sodium Borate, Decahydrate, Powder, Reagent, ACS; •Sodium tetraborate decahydrate; •Sodium tetraborate decahydrate, ACS, 99.5-105.;
EC number	603-411-9
EC index number	005-011-00-4, 005-011-02-9, 005-011-01-1
Customs tariff number / CN code / TARIC	28401990
Molecular weight [g / mol]	201,22
Formula	NaB ₄ O ₇ B ₄ Na ₂ O ₇
May damage fertility or the unborn child . Obtain special instructions before use. IF exposed or concerned: Get medical advice/attention.	

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	passes test	
Physical parameter		
pH value	of a 4% solution 9,0 – 9,6	
Identity		
Assay	99,0 – 103,0	%
Identification	passes test	
Impurities		
Ammonium	≤ 0,001	%
Heavy Metals (as Pb)	≤ 0,002	ppm
Sulphates (SO ₄)	≤ 0,005	%
Residual Solvents		
Residual solvents	Ausgeschlossen (pro Prozess)	
Residual solvents	Excluded(by process)	
Elemental Impurities		
Arsenic (As)	≤ 0,0005	ppm
Carbon (C)	Carbonate and bicarbonate: passes test	
Nutritional data		
Calcium (Nutrient)	≤ 0,01	mg/100g

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Oct. 2019

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