

**QUALITY CERTIFICATE**

Product name: BORAX  
Quality: Ph.Eur.11.0.  
Package: 100 g  
Formula:  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$   
Rel. mol. weight: 381,37  
Lot No.: GB4057935  
Manufacturing date: 05.2021.  
Expiry date: 30.04.2026. (DMY)  
Anal. No.: 14651H57935

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white crystalline powder or colourless crystals	white crystalline powder
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identity (IR)	identical	identical
Assay	99,0-103,0 %	99,72 %
Solubility	soluble in water, very soluble in boiling water, freely soluble in glycerol	soluble in water, miscible with acetone, with ethanol (96 per cent) and with methylene chloride
Appearance of solution	colourless, clear	colourless, clear
pH	9,0-9,6	9,323
Sulfate	max.50 ppm	<50 ppm
Ammonia	max.10 ppm	<10 ppm
Calcium (Ca)	max.100 ppm	<100 ppm
Heavy metals (Pb)	max.25 ppm	<25 ppm

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2023.05.16.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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