SCL Italia
Larderello Group

CERTIFICATE OF ANALYSIS

Certificate of Analysis n° : **1070/20** Issue Date: **December 30, 2020**

Lot. n°: **C010420029**

Manufacturing date: **December 02, 2020**
Expiry date: **December 02, 2025**

Print date: **December 30, 2020**

BORIC ACID EP

The product is an accordance with the European Pharmacopeia 10.0 for Boric Acid

Analysis:

Characteristics		Units		Test Results	Specific Min.	Specific Max.	Analytical chemistry procedure employed
Description			:	**Powder, white granules**			
Identification			:	**Positive**			European Pharmacopoeià
Appearance of the solution			:	**According to Ph. Eur.**			European Pharmacopoeià
Solubility in alcohol			:	**According to Ph. Eur.**			European Pharmacopoeià
Organic matter			:	**According to Ph. Eur.**			European Pharmacopoeià
pH of 3,3 % solution			:	**4,0**	3,8	4,8	pH-Meter
Chloride	Cl	ppm	<	**2**	-	-	Ion Chromatography
Sulphate	SO_4	ppm	<	**5**	-	450	Ion Chromatography
Heavy metals	as Pb	ppm	<	**1**	-	15	Colorimetry after concentration
Iron	Fe	ppm	<	**1**	-	-	Colorimetry (Tripyridil Triazine)
Boric Acid	H_3BO_3	%	:	**100,0**	99,0	100,5	Potentiometric Titration

► **Shelf life statement/*Date Limite d'Utilisation Optimale***

- The product stored in its original and properly sealed containers is chemically stable for at least 5 years from the manufacturing date indicated in the documents.
- Store cool, dry and well-ventilated place, away from strong reducing agents; keep preferably at a temperature between 20°C and 35°C; To avoid:
  - high air humidity
  - sunlight exposure
  - temperatures under -5°C and over 40°C

SCL shall not be held responsible for any and all issues arising from incorrect storage and/or handling of the product.

Laboratory / Quality Control
Michele Ciampoli