

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**TR0422_22796401/1**

Product Tris-(hydroxymethyl)-aminomethane, Pharmapur®, Ph Eur, BP

Batch 22796401

TR0422

Quality release date 16/05/2022

Expiry date 05/2027

Analysis	Batch value	Specifications
Assay (Acidimetric, referred to dried sample)	99,18 %	99,0 - 100,5
Identification A (EP)	passes test	passes test
Identification D (EP)	passes test	passes test
Identification IR	passes test	passes test
Melting point	169,10 °C	168 - 174
pH (5 %, H ₂ O)	10,84	10,0 - 11,5
Appearance of solution	clear and colourless	clear and colourless
Chlorides (Cl)	< 1 ppm	≤ 100
Iron (Fe)	< 1 ppm	≤ 10
Related Substances	passes test	passes test
Residue on ignition	0,030 %	≤ 0,1
Loss on drying (105 °C)	0,03 %	≤ 0,5

This product is intended to be suitable for the manufacture of pharmaceuticals, medical devices, cosmetics and food products, but is entirely under the user's responsibility.

Results marked with # are out of specifications.

This certificate does not exempt the user from checking the results upon receipt of the goods.

Any copy of our CoA may be obtained from our website at www.scharlab.com

Sara Garcia Maldonado
Laboratory Technician