

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

**CERTIFICATE OF ANALYSIS**

Product Magnesium sulfate heptahydrate, Pharmapur®, Ph Eur, BP, USP

Batch 20774001

**MA0084**

Quality release date 28/04/2020

Expiry date 04/2025

Analysis	Batch value	Specifications
Assay (Complexometric, referred to dried sample)	100,49 %	99,0 - 100,5
Assay (Complexometric, on ignited substance)	99,36 %	99,0 - 100,5
Identification	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
pH (5 %, H <sub>2</sub> O)	6,52	5,0 - 9,2
Acidity or alkalinity	passes test	passes test
Chlorides (Cl)	< 0,0140 %	≤ 0,014
Arsenic (As)	< 2 ppm	≤ 2
Iron (Fe)	< 20 ppm	≤ 20
Selenium (Se) ppm	< 30 ppm	≤ 30
Loss on drying	51,17 %	48,0 - 52,0

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.

Residual solvents are analysed according to guideline CPMP/ICH/283/95.

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](http://www.scharlab.com)

Sara Garcia Maldonado  
Laboratory Technician