

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AM0273_22769602/1**Product Ammonium chloride, for analysis, ExpertQ®, ACS, ISO, Reag. Ph
Eur

Batch 22769602

Quality release date 09/05/2022

Expiry date 05/2027

AM0273

Analysis	Batch value	Specifications
Assay (Argentometric)	100,22 %	≥ 99,5
Assay (Acidimetric, on dried sample)	100,39 %	99,5 - 100,5
Identity (IR-Spectrum)	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Insoluble matter	< 0,0050 %	≤ 0,005
pH (5 %, H ₂ O)	4,92	4,5 - 5,5
Acidity or alkalinity	passes test	passes test
Bromides and iodides	passes test	passes test
Phosphates (as PO ₄)	< 2 ppm	≤ 2
Sulfates (SO ₄)	< 0,0020 %	≤ 0,002
Calcium (Ca)	< 5 ppm	≤ 5
Copper (Cu)	< 2 ppm	≤ 2
Heavy metals	< 5 ppm	≤ 5
Iron (Fe)	0,4 ppm	≤ 2
Lead (Pb)	< 1 ppm	≤ 1
Magnesium (Mg)	< 5 ppm	≤ 5
Nickel (Ni)	< 1 ppm	≤ 1
Potassium (K)	< 0,005 %	≤ 0,005
Sodium (Na)	< 0,005 %	≤ 0,005
Zinc (Zn)	< 2 ppm	≤ 2
Residue on ignition	< 0,01 %	≤ 1,0
Residue on ignition (800 °C)	< 0,01 %	≤ 0,01
Loss on drying (105 °C, 2h)	0,01 %	≤ 1,0

For laboratory use only

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

Ricard Balladares Abella
Laboratory Technician