

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product Ammonia, solution 28% w/w, reagent grade, Pharpur®, Ph Eur

Batch 18984510

AM0256

Quality release date 20/06/2018

Expiry date 06/2023

Analysis	Batch value	Specifications
Assay (Acidimetric, NH ₃)	28,36 %	≥ 28
Identity	passes test	passes test
Appearance	passes test	passes test
Colour (Hazen)	1	≤ 10
Carbonates (as CO ₂)	< 0,001 %	≤ 0,001
Chlorides (Cl)	< 0,00003 %	≤ 0,00003
Nitrates (NO ₃)	< 0,0002 %	≤ 0,0002
Phosphates (as PO ₄)	< 0,00005 %	≤ 0,00005
Silicates (SiO ₂)	< 0,0005 %	≤ 0,0005
Sulfates (SO ₄)	< 0,0002 %	≤ 0,0002
Sulfides (S)	< 0,00002 %	≤ 0,00002
Aluminium (Al)	< 0,00005 %	≤ 0,00005
Barium (Ba)	< 0,000005 %	≤ 0,000005
Bismuth (Bi)	< 0,00001 %	≤ 0,00001
Cadmium (Cd)	< 0,000005 %	≤ 0,000005
Calcium (Ca)	< 0,00005 %	≤ 0,00005
Chromium (Cr)	< 0,000005 %	≤ 0,000005
Cobalt (Co)	< 0,000005 %	≤ 0,000005
Copper (Cu)	< 0,00001 %	≤ 0,00001
Gallium (Ga)	< 0,000002 %	≤ 0,000002
Gold (Au)	< 0,00001 %	≤ 0,00001
Heavy metals (as Pb)	< 0,00005 %	≤ 0,00005
Indium (In)	< 0,000002 %	≤ 0,000002
Iron (Fe)	< 0,00001 %	≤ 0,00001
Lead (Pb)	< 0,000005 %	≤ 0,000005
Lithium (Li)	< 0,000002 %	≤ 0,000002
Magnesium (Mg)	< 0,00001 %	≤ 0,00001
Manganese (Mn)	< 0,000005 %	≤ 0,000005
Molybdenum (Mo)	< 0,000005 %	≤ 0,000005
Nickel (Ni)	< 0,000005 %	≤ 0,000005
Platinum (Pt)	< 0,00001 %	≤ 0,00001
Potassium (K)	< 0,00005 %	≤ 0,00005
Silver (Ag)	< 0,000002 %	≤ 0,000002
Sodium (Na)	< 0,00005 %	≤ 0,00005
Strontium (Sr)	< 0,00001 %	≤ 0,00001
Thallium (Tl)	< 0,000005 %	≤ 0,000005
Tin (Sn)	< 0,00001 %	≤ 0,00001
Titanium (Ti)	< 0,00001 %	≤ 0,00001
Zinc (Zn)	< 0,00001 %	≤ 0,00001
Pyridine and related substances	< 0,0002 %	≤ 0,0002
Oxidisable substances	passes test	passes test

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

M. Canet
Laboratory Manager

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product	Ammonia, solution 28% w/w, reagent grade, Pharmapur®, Ph Eur	Batch	18984510
AM0256		Quality release date	20/06/2018
		Expiry date	06/2023

Analysis	Batch value	Specifications
Residue on evaporation	0,0004 %	≤ 0,001

Measurement

Batch value certified at the time of measurement. The batch value may change due to unavoidable variations.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

Storage and use

If the product is stored and unopened, this solution is stable for 5 years from the date of manufacturing.
Keep tightly closed in a dry and fresh place at room temperature.
The assay should be checked before use.