

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AC0965_23926201/1****Product** Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, for analysis, ExpertQ®, ACS, reag. Ph.Eur**Batch** 23926201**Quality release date** 05/09/2023**Expiry date** 09/2028**AC0965**

Analysis	Batch value	Specifications
Assay (Complexometric)	99,90 %	99,0 - 101,0
Identification IR	passes test	passes test
Identity (complexation)	passes test	passes test
Identity (sodium)	passes test	passes test
Appearance	passes test	passes test
Appearance of solution (50 g/L)	passes test	passes test
pH (5 %, H ₂ O, 25 °C)	4,42	4,0 - 5,0
Insoluble matter	< 0,0030 %	≤ 0,003
Nitrilotriacetic acid [(HOCOCH ₄) ₃ N]	< 0,05 %	≤ 0,1
Chlorides (Cl)	< 0,0005 %	≤ 0,004
Sulfates (SO ₄)	< 0,01 %	≤ 0,01
Cyanides (CN)	< 0,001 %	≤ 0,001
Calcium (Ca)	passes test	passes test
Copper (Cu)	< 0,0001 %	≤ 0,0001
Heavy metals (as Pb)	< 0,0005 %	≤ 0,0005
Iron (Fe)	< 0,0005 %	≤ 0,0005
Lead (Pb)	< 0,0002 %	≤ 0,001
Loss on drying (150 °C, 6 h)	9,32 %	8,7 - 11,4

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

Marta Martinez Casals
Laboratory Technician