

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : EDTA Disodium salt dihydrate 99 % AR

Catalog Number : O-5084

Batch Number : 5084-00000000

CAS Number : 6381-92-6

Molecular Weight : 372.24 g/mol

Mol. Formula : $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	white crystalline powder	white crystalline powder
2	Assay (complexometric;on anhydrous basis)	99.0 - 101.0 %	100.28%
3	pH-value (5 %; solution in water)	4.0 - 5.0	4.40
4	Insoluble matter in water	max 0.005 %	0.0021%
5	Heavy metals (as Pb)	max 0.001 %	0.00038%
6	Iron (Fe)	max 0.0005 %	0.00018%
7	Copper (Cu)	max 0.00025 %	0.000069%
8	Nitritotriacetic acid	max 0.05 %	0.016%
9	Chloride (Cl)	max 0.01 %	0.0012%
10	Sulphate (SO ₄)	max 0.02 %	0.0033%
11	Calcium (Ca)	max 0.002 %	0.00023%
10	Nickel (Ni)	max 0.0005 %	0.00011%
11	Lead (Pb)	max 0.0005 %	0.00013%
12	Loss on drying (at 150 oC; 6 hrs)	8.7 - 11.4 %	8.82%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC