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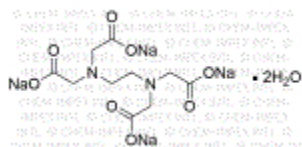
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 49464

Product **Ethylenediaminetetraacetic acid disodium salt, dihydrate**

EDTA Disodium salt dihydrate

EDTA•2Na

CAS Number 6381-92-6

Molecular Formula $C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$

Molecular Weight 372.24

Appearance White crystalline powder

Solubility Clear colorless solution at 5% aq. Solution

Heavy Metals $\leq 0.0005\%$ (as Pb)

Anion Chloride (Cl) : $\leq 0.004\%$
Sulphate (SO₄) : $\leq 0.02\%$

Cation Iron (Fe) : $\leq 0.001\%$

pH 4.3 - 4.7

UV Ratios Absorbance of 0.1M aq. solution in a 1 cm cell in water
at 260 nm : ≤ 0.145
at 280 nm : ≤ 0.025

Loss on Drying 8.7 - 11.4%

DNase, RNase, Protease Not detected

Related Substances Nitrilotriacetic acid (C₆H₆O₆N) : $\leq 0.025\%$

Assay by titration $\geq 99.5\%$

Grade Molecular biology grade

Storage Store at RT

For Laboratory Use Only