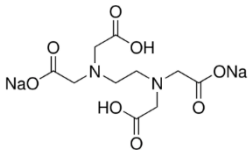
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PureSynth®
Research Chemicals

Product Specification

Product Name:
Ethylenediaminetetraacetic acid (EDTA) disodium salt dihydrate Pur*Chrom* Hyper for HPLC, ≥99.0%

Product No.:	PSR43551
Brand:	PureSynth
CAS No.:	6381-92-6
Molecular Formula:	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molecular Weight:	372.24 g/mol



Test	Specification
Appearance	Colorless Crystalline
Assay	≥ 99.0%
Clearness of the solution	Complying
Absorbance at 500 nm	NMT 0.02
Absorbance at 290 nm	NMT 0.02
Absorbance at 280 nm	NMT 0.03
Absorbance at 270 nm	NMT 0.05
Absorbance at 260 nm	NMT 0.15
Aluminium (Al)	NMT 5 ppm
Barium (Ba	NMT 5 ppm
Bismuth (Bi)	NMT 5 ppm
Calcium (Ca)	NMT 10 ppm
Cadmium (Cd)	NMT 5 ppm
Cobalt (Co)	NMT 5 ppm
Chromium (Cr)	NMT 5 ppm
Copper (Cu)	NMT 5 ppm
Iron (Fe)	NMT 5 ppm
Potassium (K)	NMT 50 ppm
Lithium (Li)	NMT 5 ppm
Magnesium (Mg)	NMT 5 ppm
Manganese (Mn)	NMT 5 ppm
Molybdenum (Mo))	NMT 5 ppm
Nickel (Ni)	NMT 5 ppm
Lead (Pb)	NMT 5 ppm
Strontium (Sr)	NMT 5 ppm
Zinc (Zn)	NMT 5 ppm
Total S (as SO_4)	NMT 50 ppm
Chloride (Cl)	NMT 50 ppm
Suitability test (HPLC)	Complying

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com

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Specification: PCH-1.0-QA/17, Ver. No. 1.1, 01.10.2026.

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