64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

Product Name:

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

Product No.:	PSR43551
Lot No.:	Sample COA
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
Date of Mfg.:	NA
Date of Exp.:	NA

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

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

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Total S (as SO_4)	NMT 50 ppm	< 50 ppm
Chloride (Cl)	NMT 50 ppm	< 50 ppm
Suitability test (HPLC)	Complying	Complying

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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