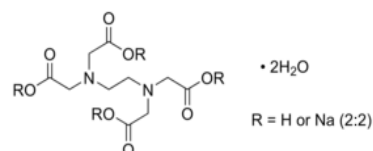


Product Specification

Product Name:

Ethylenediaminetetraacetic acid disodium salt dihydrate *PurSure*, ACS reagent, ISO, reag. Ph. Eur. , ≥99.0%

Product No.: PSR49753
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	White Solid
Assay (complexometric, calculated as dihydrate)	≥ 99.0%
Loss on drying (At 150 °C)	8.7 - 11.4 %
Identification by IR	Conforms to structure
pH (50 g/l; water)	4.0 - 5.0
Water Insoluble Matter	NMT 0.003 %
Chloride (Cl)	NMT 0.004 %
Sulfate (SO ₄)	NMT 0.01 %
Cyanide (CN)	NMT 0.001 %
Heavy metals (As Pb)	NMT 0.0005 %
Calcium (Ca)	Conforms
Copper (Cu)	NMT 0.0001 %
Iron (Fe)	NMT 0.0005 %
Lead (Pb)	NMT 0.001 %
Nitrilotriacetic acid (HPLC)	NMT 0.05 %

Specification No.: PS-1.0-QA/016

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