

Material	20302.180
Material description	Ethylenediaminetetraacetic acid disodium salt dihydrate
Grade	AnalaR NORMAPUR Reag. Ph.Eur., ACS Analytical Reagent
CAS Number	6381-92-6
Molecular formula	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molecular mass	372.24

Characteristics	Specifications
Assay	99.0 - 101.0 %
pH (25°C; 5 %)	4.0 - 5.5
Identification (IR)	Passes test
Identification B	Passes test Ph.Eur.
Identification (Na)	Passes test
Appearance of solution S	Passes test Ph.Eur.
Heavy metals (as Pb)	≤ 5 ppm
Insolubility in water	≤ 50 ppm
Loss on drying (150°C)	9.0 - 10.0 %
Nitrilotriacetic acid	≤ 0.05 %
Cl (Chloride)	≤ 40 ppm
CN (Cyanide)	≤ 10 ppm
SO <sub>4</sub> (Sulphate)	≤ 0.02 %
Cu (Copper)	≤ 10 ppm
Fe (Iron)	≤ 5 ppm
Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Jessie Pijck, Head of Laboratory - Haasrode  
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