

## Certificate of Analysis

**Material :** 20302.180 Ethylenediaminetetraacetic acid disodium salt dihydrate AnalaR  
 NORMAPUR ACS/Reag. Ph.Eur.  
**Batch :** 11J130009 **Expires end of** 10/2016

CHARACTERISTICS	SPECIFICATIONS	MEASURED VALUES
Assay	Min. 99,0 %	99,8 %
pH (20°C; 5 %)	4,0 --> 5,0	4,5
Heavy metals (as Pb)	Max. 5 ppm	Max. 5 ppm
Insolubility in water	Max. 50 ppm	Max. 50 ppm
Loss on drying (150°C)	9,0 --> 10,0 %	9,5 %
Nitilotriacetic acid	Max. 0,05 %	Max. 0,05 %
Cl (Chloride)	Max. 40 ppm	Max. 40 ppm
CN (Cyanide)	Max. 10 ppm	Max. 10 ppm
SO <sub>4</sub> (Sulphate)	Max. 0,02 %	Max. 0,02 %
Cu (Copper)	Max. 1 ppm	Max. 1 ppm
Fe (Iron)	Max. 5 ppm	1 ppm

We certify that this batch conforms to the specifications listed above.  
 BDL : Below detected limit.

Wendy Mathues, Head of laboratory - Haasrode  
 VWR International  
 Document printed on 03/2015

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