

# Specification

Item number:	CP87		
<b>Ethylenediamine tetraacetic acid tetrasodium salt tetrahydrate</b>			
≥99 %, p.a.			
CAS No.:	13235-36-4	print date:	05.02.2018
formula:	$C_{10}H_{12}N_2Na_4O_8 \cdot 4 H_2O$		
density:			
molecular weight:	452,24 g/mol		

## Guarantee analysis

Assay (compl.)	≥99,0 %
pH-value (1 % in H <sub>2</sub> O)	10,0-12,0
In H <sub>2</sub> O insoluble matter	≤0,005 %
Nitrilotriacetic acid	≤0,1 %
Chloride (Cl)	≤0,004 %
Sulphate (SO <sub>4</sub> )	≤0,005 %
Heavy metals (as Pb)	≤0,0025 %
Iron (Fe)	≤0,0005 %
Lead (Pb)	≤0,001 %
Copper (Cu)	≤0,0005 %
Sulphated ash	62,0-63,5 %
Loss on drying (150 °C, 2 h)	15,0-17,0 %

Our products are tested for laboratory use only.  
The stated information refers to the current status of product quality.  
We reserve the right to implement necessary changes.

**U. Jeckel**  
Quality Assurance

**S.Hildebrandt**  
Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Vorsitzender des Aufsichtsrats: Eberhard Gaul  
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