


Specification

EDTA Disodium Salt 2-hydrate (Reag. Ph. Eur., USP) for analysis, ACS, molecular biology **131669**

Solubility:	100 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	131669
Product Name:	EDTA Disodium Salt 2-hydrate (Reag. Ph. Eur., USP) for analysis, ACS, molecular biology
Specifications:	<p>DNases/RNases/Proteases: not detectable</p> <p>Assay (complexometr.): 99.0 - 101.0 %</p> <p>Identity (IR): passes test</p> <p>pH (5 %; H₂O; 25°C): 4.0 - 5.0</p> <p>Appearance of solution: passes test</p> <p>Insoluble matter in H₂O: max. 0.005 %</p> <p>Loss on drying (150°C): 8.7 - 11.4 %</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Nitrilotriacetic acid [(CH₂COOH)₃N]: max. 0.05 %</p> <p>Chloride: max. 0.005 %</p> <p>Sulfate: max. 0.01 %</p> <p>As: max. 0.0005 %</p> <p>Pb: max. 0.0005 %</p> <p>Ca: max. 0.002 %</p> <p>Ni: max. 0.0005 %</p> <p>Cu: max. 0.0001 %</p> <p>Fe: max. 0.0005 %</p>
Hazard pictograms	
WGK:	2
Storage:	RT

AppliChem GmbH

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Signal Word:	Attention
GHS Symbols:	GHS07 GHS08
H Phrases:	H332 H373
P Phrases:	P260 P271 P304+P340 P312 P314 P501
Molecular Formula:	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
M:	372.24 g/mol
CAS:	6381-92-6
EINECS:	205-358-3
CS:	29224985

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