

# Technical Datasheet

**Article no.: 2216**

**EDTA disodium salt dihydrate puriss., DAB, Ph. Eur., BP, Ph. Nord., FCC  
(99.0 – 101.0 %)**

$C_{10}H_{14}N_2Na_2O_8 \times 2 H_2O$

For laboratory use.

CAS no.: 6381-92-6  
Melting point: 252°C  
Molar mass: 372.24 g/mol

Parameter	Value
Appearance of solution	clear and colourless
Appearance/condition	colourless powder
Arsenic (As)	max. 0.0001 %
Calcium (Ca)	complies
Chloride (Cl)	max. 0.004 %
Cyanide (CN)	max. 0.0001 %
Heavy metals (as Pb)	max. 0.001 %
Identity	complies
Iron (Fe)	max. 0.0005 %
Lead (Pb)	max. 0.001 %
Loss on drying	8.7 – 11.4 %
Methanol (CH <sub>3</sub> OH)	max. 0.3 %
Nitrilotriacetic acid (C <sub>6</sub> H <sub>9</sub> NO <sub>6</sub> )	max. 0.1 %
Residual solvents (Ph. Eur./ICH)	excluded by production
Sulfated ash	37.0 – 39.0 %
Sulphate (SO <sub>4</sub> )	max. 0.05 %

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Parameter	Value
pH (1%, H <sub>2</sub> O)	4.3 – 4.7
pH (5%, H <sub>2</sub> O)	4.0 – 5.0

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Amtsgericht Stuttgart / HRA-Nr. 254140  
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Amtsgericht Stuttgart / HRB-Nr. 252035  
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