

Specification

Formula Hill: $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molar Mass: 372,24 g/mol
CAS N°: 6381-92-6

Print Date: 17 October 2024

105902 **Ethylenediaminetetraacetic acid disodium salt dihydrate, Ph. Eur.,
USP, FCC, low endotoxin**

Specifications

Assay (complex. dried substance)	99,0 - 101,0 %
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Identity (IR)	conforms
Identity B (EP)	conforms
Identity B (USP)	conforms
Identity B (FCC)	conforms
Identity (sodium)	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder	conforms
Appearance solution	
- Clear and colourless	conforms
pH 1%	4,3 - 4,7
pH 5%	4,0 - 5,5
Nitilotriacetic acid (HPLC)	≤ 0,1 %
Calcium (Ca)	conforms
Iron (Fe)	≤ 0,0080 %
Lead (Pb)	≤ 0,0010 %
Loss on drying	8,7 - 11,4 %
TAMC (total aerobic microbial count)	≤ 100 cfu/g
TYMC (total yeast & mould count)	≤ 10 cfu/g
Endotoxins	≤ 5 EU/g

Conforms to: Ph. Eur., USP, FCC specification