

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

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

Assay (complex.)	99.0 - 101.0 %
Assay (complex.) (dried substance)	99.0 - 101.0 %
Identity	conforms
Appearance (colour)	white
Appearance (form)	crystalline powder
Appearance of solution	clear and colourless
pH value (1%)	4.3 - 4.7
pH value (5%)	4.0 - 5.5
Nitriloacetic acid (HPLC)	≤ 0.1 %
Ca (Calcium)	conforms
Fe (Iron)	≤ 0.0080 %
Pb (Lead)	≤ 0.0010 %
Loss on drying (150°C)	8.7 - 11.4 %
TAMC (total aerobic microbial count)	≤ 100 cfu/g
TYMC (total yeast & mould count)	≤ 10 cfu/g
Endotoxins	≤ 5 IU/g

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