

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: 21 February 2023

105901 Ethylenediaminetetraacetic acid disodium salt dihydrate, Ph. Eur.,
USP, FCC

	Specifications	Method
Assay by Titration (dried subs)	99,0 - 101,0 %	Ph. Eur., USP, FCC
Identity	conforms	Ph. Eur., USP, FCC
Appearance		
- White or almost white	conforms	Ph. Eur.
- Crystalline powder	conforms	Ph. Eur.
Apperance solution		
- Clear and colourless	conforms	Ph. Eur.
Insoluble matter	≤ 0,005 %	
Melting point	248 - 254 °C	
pH 1%	4,3 - 4,7	FCC
pH 5%	4,0 - 5,0	Ph. Eur., USP
Solubility	conforms	Ph. Eur.
Nitriloacetic acid (HPLC)	≤ 0,1 %	Ph. Eur., USP, FCC
Heavy metals (as Pb)	≤ 0,0020 %	ACS
Calcium (Ca)	conforms	USP, FCC
Iron (Fe)	≤ 0,0080 %	Ph. Eur.
Lead (Pb)	≤ 0,0010 %	FCC
Loss on drying	8,7 - 11,4 %	USP

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

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