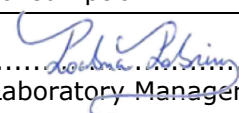


CERTIFICATE OF ANALYSIS

PRODUCT	EDTA DISODIUM SALT DIHYDRATE Edetate disodium dihydrate, Ethylenediaminetetraacetic acid disodium dihydrate		
Item Nr.	# 1034	MW 372.24g/mol	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ 2H ₂ O
CAS-Nr.	[6381-92-6]	HS-Nr. 2922 49 85	EINECS 680-249-5
Lot	340125		

Tests	Method	Specifications			Analysis
Appearance	Visual	White crystalline powder			conforms
Solubility	acc.to EP gen.ntc.pt.II: 5% in H ₂ O	soluble			conforms
Clarity of solution	EP 2.2.1. Nephelometry	0 NTU			conforms
Coloration of sol.	EP 2.2.2. Gardner	1			conforms
		min.	max.	unit	found
Assay	EP 2.2.20.	99.0		%	99.2
Loss on drying	EP 2.2.32. 150°C, 6h	8.7	11.4	%	9.3
pH	EP 2.2.3. 5% in H ₂ O	4.0	6.0		4.26
Iron (Fe)	EP 2.4.9.		80.0	ppm	<10
Heavy metals	EP 2.4.8.		10.0	ppm	conforms
Storage	Keep well closed at room temperature in a dark and dry place				
Handling	Handle with professional care - avoid skin contact and inhalation of dust				
Safety data	For laboratory use only. Not for human and animal consumption.				
Spec. established	17. July 2007, ih	 09.01.2025..... Date Laboratory Manager			
Latest update	11 Feb. 2022				