



Product Name	EDTA 4Na	CAS Number	13235-36-4
Molecular Formula	CH3(CH2)10CH2(OCH2CH2)nOSO3Na	Analysis No.	250912
Molecular Weight	288.38 g/mol	Batch Number	20241129
Manufacturing Date	September-2024	Expire Date	September-2030

CERTIFICATE OF ANALYSIS

TYPE OF TEST	STANDARD	RESULT	METHOD
Appearance	White Crystal Powder	White Crystal Powder	Observation
Purity	(Min) 99.0%	(Min) 99.3%	Titrimetric (Zn ²⁺ complexometric)
pH (1% Water Sol.)	10.5 – 11.5	10.9	pH meter
Iron (Fe)	≤ 10 ppm	6 ppm	AAS
Heavy Metals (Pb)	≤ 10 ppm	<10 ppm	AAS
Water Content (KF)	≤ 5.0%	3.4%	Karl Fischer
Solubility in Water	Soluble in Water	Soluble in Water	Observation
Colour	≤ 50	20	Colourmetric
Ash Content	≤ 0.2%	0.1%	Gravimetric

Result: The above product complies with standards.