

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethylenediaminetetraacetic acid disodium salt dihydrate,99%

ITEM NUMBER: E116429
BRAND: Aladdin
CAS NUMBER: 6381-92-6
MDL NUMBER: MFCD00150037
FORMULA: C₁₀H₁₄N₂Na₂O₈ · 2H₂O
MOLECULAR WEIGHT: 372.24

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Assay	99 %	100 %	100 %
Chloride(Cl)	0 %	0.004 %	0.004 %
Clarity of solution	Clarify		
Complexation test	pass		
Copper(Cu)	0 %	0.00025 %	0.00025 %
Heavy metals(Pb)	0 %	0.001 %	0.001 %
Infrared spectrometry	Conforms to Structure		
Iron(Fe)	0 %	0.0005 %	0.0005 %
Nitrilotriacetic acid(C ₆ H ₉ NO ₆)	0 %	0.05 %	0.05 %
Proton NMR spectrum	Conforms to Structure		
solubility in water	pass		
Sulfate(SO ₄)	0 %	0.01 %	0.01 %