

PRODUCT IDENTITY

PRODUCT NAME	Ethylenediaminetetraacetic acid disodium salt dihydrate	PRODUCT NUMBER	E116429
Grades & Purity	GR, ≥99%	VERSION	3
CAS NUMBER	6381-92-6	FORMULA	C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O
FORMULA WEIGHT	372.24g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Iron(Fe)	0-0.0005 (%)
Copper(Cu)	0-0.00025 (%)
Heavy metal (as Pb)	0-0.001 (%)
Nitrilotriacetic acid(C ₆ H ₉ NO ₆)	0-0.05 (%)
Chloride (Cl-)	0-0.004 (%)
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
Sulfate(SO ₄ ²⁻)	0-0.01 (%)
Solubility in Water	Pass

PARAMETER	SPECIFICATION / LIMIT
Assay	99-100 (%)
Clarity of solution	Pass