

Certificate of Analysis

Product: EDTA Disodium Salt, Crystalline Powder, ACS/FCC Grade, Kosher, Halal
Item Number: EDTADGM
CAS#: 6381-92-6
Grade: ACS,FCC
Lot Number: 5001146/1.1
Manufacture Date: 12/25/2024
Expiration Date: 12/24/2029
Country of Origin: India

Tested Property	Specification	Analysis
Description, ACS/FCC	White crystalline powder	White crystalline powder
Identification, ACS	To pass test	Passes test
Assay, ACS/FCC	99.0 - 101.0%	100.14%
pH of a 5% solution, ACS	4.0 - 6.0	4.47
Insoluble matter, ACS	$\leq 0.005\%$	0.003%
Nitrilotriacetic acid, ACS/FCC	$\leq 0.1\%$	0.007%
Heavy metals (as Pb) by ICP-OES, ACS	$\leq 0.005\%$	$< 0.005\%$
Iron (Fe), ACS	$\leq 0.01\%$	$< 0.01\%$
Identification A, FCC	Positive for Sodium	Passes test
Identification B, FCC	Deep Red Color	Passes test
Identification C (IR), FCC	Spectrum Matches	Passes test
Calcium, FCC	No precipitate forms	Passes test
Lead, FCC	Max 10mg/Kg	< 10
Solubility in Water, FCC	Soluble in water	Passes test
pH (10mg/ml), FCC	4.3 - 4.7	4.55

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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