



Certificate of Analysis

Specifications of Calcium Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	Calcium EDTA / Chelated Calcium
Color & Physical Form	OffWhite Powder
Active Ingredient	CaNa₂ EDTA
pH (1% solution)	6.5 – 7.5
Calcium Content	10% (+ / - 0.5) as Ca

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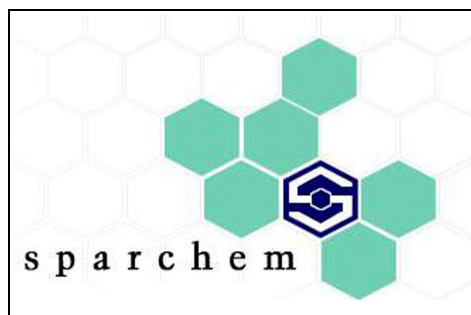


Certificate of Analysis

Specifications of Cobalt Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	Cobalt EDTA (Chelated Cobalt)
Active Ingredient	13% as Co
pH (1% solution)	6.5 – 7.5

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Specifications of Copper Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	Copper EDTA
Color & Physical Form	Blue Powder
Active Ingredient	CuNa₂ EDTA
pH (1% solution)	6.0 – 7.5
Copper Content	14% (+/- 0.5) as Cu

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Specifications of Dipotassium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	EDTA DIPOTASSIUM
Formula	$[\text{CH}_2 - \text{N}(\text{CH}_2 - \text{COOH}) - \text{CH}_2 \text{COOK}]_2 \cdot 2\text{H}_2\text{O}$
Color & Physical Form	A fine, white crystalline powder, slightly hygroscopic
Active Ingredient	K₂ EDTA
Molecular Weight	404.46
pH (1% solution)	4 – 6
Dipotash Content	10% asK

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Specifications of Ferric Ammonium Salt of EDTA (ethylene diamine tetra acetic acid)

Product	EDTA Ferric Ammonium (Liquid)
Chemical Name	$C_{10}H_{12}N_2O_8 Fe NH_4. NH_4 OH$
MolecularWeight	397.
Appearance	Red brown clear liquid
pH	7.0 – 8.0
Assay	640 grs. / Its. Min.
Remarks	Excess EDTA content min-10g/l. Free Fe++ content max.1.0g/l

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Specifications of Ferric Sodium Salt of EDTA (ethylene diamine tetra acetic acid)

Appearance	Light Yellow Tan Powder
Formula	$C_{10}H_{12}N_2O_8 FeNa.3H_2O$
Ferric Content	12% min.
pH	(1% solution) 4 - 6
Clarity	Clear Solution

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Specifications of Magnesium Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	Magnesium EDTA Chelate
Physical Form	Powder
Color	Off White Powder
pH	(1% solution) 6.5 – 7.5
Active Ingredient	6.0 % (+/- 0.5) as Mg

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Specifications of Manganese Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	Manganese EDTA Chelate
Physical Form	Powder
Color	White to slightly pinkish powder
pH	(1% solution) 6.5 – 7.5
Active Ingredient	13.0% (+ / - 0.5) as Mn

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Specifications of Zinc Ammonium (liquid) Salt of EDTA (ethylene diamine tetra acetic acid)

Product	Zinc Ammonium EDTA
Appearance	Clear, straw colored solution free of foreign matter
MolecularWt.	389.70
Zinc Content	9%as
pH	(1% solution) 6.5 – 7.5
Specific Gravity, 25°C	1.29 – 1.32

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Specifications of Zinc Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product Name	Zinc EDTA Chelate
Physical Form	Powder
Color	Off White
MolecularWeight	435
pH	(1% solution) 6.0 – 7.0
Active Ingredient	12% min as Zn

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Certificate of Analysis

Specifications of Zinc Disodium Salt of EDTA (ethylene diamine tetra acetic acid)

Product	Zinc EDTA Chelate
Physical Form	Powder
Color	Off White
pH	(1% solution) 6.0 – 7.0
Active Ingredient	15% (+/- 0.5) as Zn

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