



**TECHNICAL DATA SHEET(TDS)**

**Zinc Citrate, Lab Grade**

**Product Specification (CAS RN: 5990-32-9)**

Test	Specification	Typical Results
Description	A white powder	Complies
Assay (as Zn)	Not less than 31.3% (on dried basis)	32.89
Identification A: Test for Zinc	To comply the test	Complies
Identification B: Test for Citrate	To comply the test	Complies
Impurities A: Chloride	NMT 0.05%	<0.05
Impurities B: Sulphate	NMT 0.05%	<0.05
Impurities C: Arsenic	NMT 3 ppm	<3
Impurities D: Cadmium	NMT 5 ppm	<5
Impurities E: Lead	NMT 10 ppm	<10
Solubility	Slightly soluble in water, insoluble in organic solvents	Complies
Loss on Drying (LOD)	NMT 1.0%	0.39
Microbial enumeration A: TAMC	Maximum of 1000 cfu/gm	70
Microbial enumeration B: TYMC	Maximum of 100 cfu/gm	20
Microbial enumeration C: Escherichia coli	Absence	Absent

Appropriate/legal use of this product is the responsibility of the user.

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