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Product Data Sheet

Product Name	**Magnesium Citrate Anhydrous USP**
Molecular Formula	$C_{12}H_{10}Mg_3O_{14}$
Molecular Weight	451.11 g/mol
CAS No.:	3344-18-1

Specification:

1	Description	A White colored Powder.
2	Solubility	Practically insoluble in water.
3	Identification (Magnesium)	Positive
4	Identification (Citrate)	Positive
5	pH	5.0 to 9.0
6	Loss on Drying (135 ° C for 16hr.)	Max. 2.0%
7	Chloride	Max. 0.05%
8	Sulphates	Max. 0.2%
9	Arsenic	Max. 3 ppm
10	Heavy Metals	Max. 50 ppm
11	Iron	Max. 200 ppm
12	Limit of calcium	Max. 1%
13	Assay (as Mg.) (Calculated on dried basis)	14.5 - 16.4%
14	Residue on Ignition	NMT 1.0%

Remarks: The Materials Complies /doesn't complies with the above specifications

STORAGE: Store in cool and dry, keep away from strong light and heat.

	Prepared By	**Reviewed By**	**Approved By (QA)**
Signature			
Date			