

2953 – MAGNESIUM PHOSPHATE DIBASIC

REF NO: TBL/QA/SS/LC/2953	STANDARD SPECIFICATION FOR MAGNESIUM PHOSPHATE DIBASIC	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code:2953

PRODUCT PROPERTIES

C.A.S Number	7782-75-4
Chemical Formula	MgHPO ₄ 3H ₂ O
Formula weight	174.33
Functional Uses	NA
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Slightly soluble in water, insoluble in alcohol, soluble in dilute acids.
Test for Phosphate	Passes Test
Test for Magnesium	Passes Test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Ignition (800±25°C)	29.0 – 36.0%
Fluoride	NMT – 10 mg/Kg
Arsenic	NMT – 3 mg/Kg
Lead	NMT – 4 mg/Kg
Assay	NLT – 96.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

