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Product Specifications



Catalogue Number	37007
Product	Magnesium phosphate dibasic trihydrate, FCC, Powder, Low heavy metals (As: ≤ 1 ppm, Cd: ≤ 1 ppm, Pb: ≤ 1 ppm & Hg: ≤ 0.1 ppm) Magnesium phosphate dibasic trihydrate, FCC, Powder, Low heavy metals (As: ≤ 1 ppm, Cd: ≤ 1 ppm, Pb: ≤ 1 ppm & Hg: ≤ 0.1 ppm) Magnesium hydrogen phosphate trihydrate
CAS Number	7757-86-0
Molecular Formula	$MgHPO_4 \cdot 3H_2O$
Molecular Weight	174.33

Appearance	White powder
Solubility	Clear and colorless solution
Odor	Odorless
Anion	Fluoride (F) : ≤ 25 ppm
Cation	Lead (Pb) : ≤ 1 ppm Arsenic (As) : 1 ppm Cadmium (Cd) : ≤ 1 ppm Mercury (Hg) : ≤ 0.1 ppm
Yeast and Mold	≤ 100 cfu/g
Coliform Organisms	Negative
Microbial Count	≤ 1000 cfu/g (APC)
Particle Size	$\geq 99\%$ pass thru 200 mesh $\geq 99\%$ pass thru 325 mesh
Assay	96.0 - 100.5%
Grade	FCC
Storage	Store at RT
Additional Information	Identification : Test A : To pass test Test B : To pass test Loss on ignition : 29.0 - 36.5%

For Laboratory Use Only