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Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control

Standard Test Specifications

Title: Magnesium Sulphate Heptahydrate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/032

Revision No.:
00

Effective Date
07/08/2021

Review Date
06/08/2024

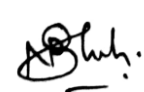
Change Control No.

NA

Prepared By: 


Date: 04/08/2021

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Date: 05/08/2021

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1.0 SAMPLING LEVEL :

As mentioned in the “Sampling procedure” SOP.

2.0 SAMPLING METHOD TO BE FOLLOWED:

100% sampling to be done from each container.

3.0 TOTAL COMPOSITE SAMPLE TO BE COLLECTED :

100 gm

4.0 RETEST DATE: Three years.**5.0 CAS No:** 10034-99-8**6.0 MOLECULAR FORMULA:** MgSO₄.7H₂O**7.0 MOLECULAR WEIGHT:** 246.47 gm/mol.**8.0 CATEGORY:** Osmotic laxative; used in the treatment of electrolyte deficiency.**9.0 STORAGE:** Preserve in well-closed containers.**10.0 SAFETY PRECAUTIONS TO BE TAKEN WHILE SAMPLING AND HANDLING`:**

Use hand gloves, goggles and apron during Handling.

11.0 CONTROL SAMPLE: 3 X 100gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  07/08/2021

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TEST PARAMETERS AND SPECIFICATIONS**REF: FOOD GRADE**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or brilliant, colorless crystals.
2.	Solubility	Freely soluble in water, very soluble in boiling water, practically insoluble in ethanol (96 %)
3.	Identification Gives tests for Magnesium and Sulfate	To Pass test
4.	Lead	Max. 4 ppm
5.	Selenium	Max. 30 ppm
6.	Assay %	Min. 99.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	07/08/2021	First Issuance	N A

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