

**MASTER COPY**



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

**Quality Control**

**Standard Test Specifications**

**Title: Magnesium Chloride Hexahydrate Food Grade**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/031

**Revision No.:**  
00

**Effective Date**  
03/08/2021

**Review Date**  
02/08/2024

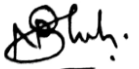
**Change Control No.**

NA

Prepared By: 


Date: 30/07/2021

Name : Pankaj Patel  
(QC Officer / Designee)

Reviewed By: 

Date: 31/07/2021

Name : Nilesh Shah  
(Unit Head / Designee)

Approved By: 

Date: 02/08/2021

Name : Naresh Solanki  
(QA/QC In Charge / Designee)

**UNCONTROLLED COPY**

Format No. QC/017/F/01-00

Certified By (Sign/Date) :  03/08/2021

**MASTER COPY**

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

**Quality Control****Standard Test Specifications****Title: Magnesium Chloride Hexahydrate Food Grade****Page No.:** 2 of 3**Specification No.:**  
ACPL/FP/SP/031**Revision No.:**  
00**Effective Date**  
03/08/2021**Review Date**  
02/08/2024**Change Control No.**

NA

**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 year**5.0 CAS No:** 7791-18-6**6.0 MOLECULAR FORMULA:**  $MgCl_2 \cdot 6H_2O$ **7.0 MOLECULAR WEIGHT:** 203.3 gm/mol.**8.0 CATEGORY:** Excipient.**9.0 STORAGE:** In an airtight container.**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) :**  03/08/2021

**MASTER COPY**

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

**Quality Control****Standard Test Specifications****Title: Magnesium Chloride Hexahydrate Food Grade****Page No.:** 3 of 3**Specification No.:**  
ACPL/FP/SP/031**Revision No.:**  
00**Effective Date**  
03/08/2021**Review Date**  
02/08/2024**Change Control No.**

NA

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless Crystals, Hygroscopic
2.	Solubility	Very Soluble in Water
3.	Identification Test for Magnesium and Chloride	To Pass test
4.	Sulphate as SO <sub>4</sub>	Max. 300 ppm
5.	Lead	Max. 40 ppm
6.	Assay %	Min. 97.0 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	03/08/2021	First Issuance	N A

**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  03/08/2021