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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: Potassium Hydroxide Pellets Food Grade**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/037

**Revision No.:**  
00

**Effective Date**  
20/08/2021

**Review Date**  
19/08/2024


**Change Control No.**

NA

Prepared By: 

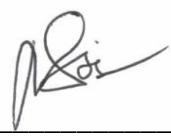
Date: 17/08/2021

Name : Pankaj Patel  
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Reviewed By: 

Date: 18/08/2021

Name : Nilesh Shah  
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Approved By: 

Date: 19/08/2021

Name : Naresh Solanki  
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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 :** Tree year

**5.0 CAS No:** 1310-58-3

**6.0 MOLECULAR FORMULA:** KOH

**7.0 MOLECULAR WEIGHT:** 56.11 gm/mol.

**8.0 CATEGORY:** Excipient.

**9.0 STORAGE:** In an airtight, non-metallic 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.

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Or Almost White, Crystalline Masses, Supplied As Pellets, Sticks Or Slabs, Deliquescent, Readily Absorbing Carbon Dioxide.
2.	Appearance of Solution	The solution is clear and colorless
3.	Identification 1:25 Aqueous Solution Gives Positive Tests For Potassium	To Pass test
4.	Insoluble Substances	To Pass test
5.	Carbonate As $K_2CO_3$	Max. 3.5 %
6.	Lead	Max. 2 ppm
7.	Assay (Total Alkali as KOH )	Min. 85.0 % to Max. 100.5 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	20/08/2021	First Issuance	N A

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