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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 AR**

**Page No.:** 1 of 3

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

**Revision No.:**  
00

**Effective Date**  
19/08/2021

**Review Date**  
18/08/2024

**Change Control No.**


NA

Prepared By: 

Date: 16/08/2021

Name : Pankaj Patel

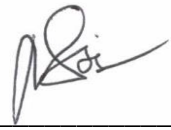
(QC Officer / Designee)

Reviewed By: 

Date: 17/08/2021

Name : Nilesh Shah

(Unit Head / Designee)

Approved By: 

Date: 18/08/2021

Name : Naresh Solanki

(QA/QC In Charge / Designee)

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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: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline masses, supplied as pellets, sticks or slabs, deliquescent, readily absorbing carbon dioxide.
2.	Assay	Min. 85 %
3.	Water Insoluble Matter	Max. 0.01 %
4.	Carbonate as K <sub>2</sub> CO <sub>3</sub>	Max. 1.00 %
5.	Chloride as Cl	Max. 20 ppm
6.	Nitrate as NO <sub>3</sub>	Max. 10 ppm
7.	Phosphate as PO <sub>4</sub>	Max. 5 ppm
8.	Silicate as SiO <sub>2</sub>	Max. 50 ppm
9.	Sulphate as SO <sub>4</sub>	Max. 30 ppm
10.	Aluminum as Al	Max. 10 ppm
11.	Ammonium as NH <sub>4</sub>	Max. 5 ppm
12.	Arsenic as As	Max. 1 ppm
13.	Calcium & Magnesium as Ca	Max. 25 ppm
14.	Copper as Cu	Max. 5 ppm

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	19/08/2021	First Issuance	N A

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