

**MASTER COPY**

**Annexe**  
CHEM PVT. LTD.

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

**Quality Control**

**Standard Test Specifications**

**Title: Potassium Hydroxide Pellets BP**

**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

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Date: 17/08/2021

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Date: 18/08/2021

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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 EXPIRY :**

Five years from the Date of Manufacturing.

**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: BP**

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.	Solubility	Very soluble in water, freely soluble in ethanol (96 %).
3.	<b>Identification A</b> pH: Minimum 10.5. <b>Identification B</b> Test A gives reaction (b) of potassium	To pass test  To pass test
4.	Appearance of Solution	The solution is clear and colorless
5.	Carbonates	Max. 2.0 %
6.	Chlorides	Max. 200 ppm
7.	Phosphates	Max.100 ppm
8.	Sulfates	Max. 200 ppm
9.	Aluminium	Max. 0.2 ppm
10.	Iron	Max. 10 ppm
11.	Sodium	Max. 1.0 %
12.	Assay	85.0 % to 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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