

**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: Sodium Hydroxide Pellets JP**

**Page No.: 1 of 3**

**Specification No.:**  
ACPL/FP/SP/013

**Revision No.:**  
00

**Effective Date**  
07/09/2021

**Review Date**  
06/09/2024

**Change Control No.**

NA

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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:** 1310-73-2**6.0 MOLECULAR FORMULA:** NaOH**7.0 MOLECULAR WEIGHT:** 40.00gm/mol.**8.0 CATEGORY:** Pharmaceutical aid (alkalising agent).**9.0 STORAGE:** Containers -Tight 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) :**

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**TEST PARAMETERS AND SPECIFICATIONS****REF: JP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Sodium Hydroxide occurs as white, fused masses, in small pellets, in flakes, in sticks, and in other forms. It is hard and brittle, and shows a crystalline fracture.
2.	Solubility	It is freely soluble in water and in ethanol (95), and practically insoluble in diethyl ether.
3.	<b>Identification (1)</b> A solution of Sodium Hydroxide (1 in 500) is alkaline <b>Identification (2)</b> Responds to the Qualitative Tests for sodium salt.	To pass test  To pass test
4.	Clarity and color of solution	The solution is clear and colorless.
5.	Chlorides	Max. 500 ppm
6.	Heavy metals	Max. 30 ppm
7.	Potassium	To Pass test
8.	Sodium carbonate	Max. 2.0 %
9.	Mercury	To Pass test (AT is smaller than AS)
10.	Assay	Min. 95.00 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	07/09/2021	First Issuance	NA

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