

**SISCO CHEM**

Laboratory Chemicals &amp; Reagents

CIN No: U24110MH1998PTC114594

ISO 9001:2015 Certified company

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>SODIUM HYDROXIDE PELLETS</b>	<b>NaOH</b>	
<b>Synonyms</b>	Caustic soda		
<b>Grade</b>	AR		
<b>CAS NO</b>	1310-73-2		
<b>Molecular Formula</b>	NaOH		
<b>Molecular weight</b>	40.00		
<b>Batch No.</b>		<b>Date of Analysis</b>	
<b>Code No.</b>	14219	<b>Date of Retest</b>	

Sr.	Test	Specifications	Results
1	Appearance	White deliquescent pellets	White deliquescent pellets
2	Assay (NaOH)	Min 98 %	98.82%
3	pH value	13 - 14	13.5
4	Melting point	317 - 319°C	318°C
5	Sodium carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Max 1.0%	0.61%
6	Chloride (Cl)	Max 0.01%	0.01%
7	Sulphate (SO <sub>4</sub> )	Max 0.003%	0.0026%
8	Phosphate (PO <sub>4</sub> )	Max 0.001%	0.00098%
9	Silicate (SiO <sub>2</sub> )	Max 0.001%	<0.001%
10	Total nitrogen (N)	Max 0.0003%	<0.0003%
11	Heavy metal (as Pb)	Max 0.0005%	Nil
12	Potassium (K)	Max 0.05%	0.0432%
13	Appearance of solution	Clear & colourless	Passes test

The submitted sample complies with the prescribed standards of quality

Chemist by

Q.C. Incharge