



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM HYDROXIDE PELLETS AR**

<b>CAS No</b>	<b>: 1310-73-2</b>	<b>Product code</b>	<b>: 25800</b>
<b>Mol. Formula</b>	<b>: NaOH</b>	<b>Batch No</b>	<b>: MCR-26351</b>
<b>Mol. WT</b>	<b>: 40.00</b>	<b>Mfd.</b>	<b>: Aug. 2022</b>
<b>Date of analysis</b>	<b>: 18/08/22</b>	<b>Exp.</b>	<b>: July 2027</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	White deliquescent pellets.	White deliquescent pellets.
2	<b>Assay (acidimetric)</b>	98.0 % w/w min	98.26% w/w
3	<b>Insoluble matter</b>	0.01 % max	0.008%
4	<b>Carbonate(as Na<sub>2</sub>CO<sub>3</sub>)</b>	1 % max	0.53%
5	<b>Chloride(Cl)</b>	0.005 % max	< 0.005 %
6	<b>Sulphate(SO<sub>4</sub>)</b>	0.005 % max	< 0.005 %
7	<b>Phosphate(PO<sub>4</sub>)</b>	0.001 % max	< 0.001 %
8	<b>Silicate(SiO<sub>2</sub>)</b>	0.01 % max	< 0.01 %
9	<b>Nitrate(NO<sub>3</sub>)</b>	0.0005 % max	< 0.0005 %
10	<b>Lead(Pb)</b>	0.001 % max	< 0.001 %
11	<b>Nickel(Ni)</b>	0.001 % max	< 0.001 %
12	<b>Iron (Fe)</b>	0.001 % max	< 0.001 %
13	<b>Aluminium(Al)</b>	0.002 % max	< 0.002 %
14	<b>Calcium(Ca)</b>	0.002 % max	< 0.002 %
15	<b>Potassium(K)</b>	0.05 % max	< 0.05 %
16	<b>Ammonium(NH<sub>4</sub>)</b>	0.0005 % max	< 0.0005 %
17	<b>Magnesium(Mg)</b>	0.0005 % max	< 0.0005 %
18	<b>Zinc(Zn)</b>	0.001 % max	< 0.001 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS.

**[Tested By]**

**[Q.C Incharge]**

**HEAD-QUALITY ASSUARANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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