



**ChemPure* Brand
Chemicals**

Certificate of Analysis ...Pure Quality

Sodium Hydroxide Pellets

Meets ACS Specifications

Synonym: Caustic Soda, Soda Lye, Caustic Soda, Sodium Hydroxide Pellets

CAT No: CP-R2390D

Molecular Weight 40.00

CAS Number 1310-73-2

Empirical Formula (Hill Notation) HNaO

Retest: April 16, 2021

EC Index Number 215-185-5

| Parameter | Specification | Units | Result | Units |
|--|---------------|-------|----------|-------|
| assay | min. 98.0 | % | 99.3 | % |
| assay of Na ₂ CO ₃ | max. 1.0 | % | <1.0 | % |
| silver (Ag) | max. 0.0005 | % | <0.0005 | % |
| aluminium (Al) | max. 0.0005 | % | <0.0005 | % |
| barium (Ba) | max. 0.0005 | % | <0.0005 | % |
| bismuth (Bi) | max. 0.0005 | % | <0.0005 | % |
| calcium (Ca) | max. 0.0005 | % | <0.0005 | % |
| cadmium (Cd) | max. 0.0005 | % | <0.0005 | % |
| cobalt (Co) | max. 0.0005 | % | <0.0005 | % |
| chromium (Cr) | max. 0.0005 | % | <0.0005 | % |
| copper (Cu) | max. 0.0005 | % | <0.0005 | % |
| iron (Fe) | max. 0.0005 | % | <0.0005 | % |
| mercury (Hg) | max. 0.00001 | % | <0.00001 | % |
| potassium (K) | max. 0.02 | % | <0.02 | % |
| lithium (Li) | max. 0.0005 | % | <0.0005 | % |
| magnesium (Mg) | max. 0.0005 | % | <0.0005 | % |
| manganese (Mn) | max. 0.0005 | % | <0.0005 | % |
| molybdenum (Mo) | max. 0.0005 | % | <0.0005 | % |
| nickel (Ni) | max. 0.0005 | % | <0.0005 | % |
| lead (Pb) | max. 0.0005 | % | <0.0005 | % |
| strontium (Sr) | max. 0.0005 | % | <0.0005 | % |
| thallium (Tl) | max. 0.0005 | % | <0.0005 | % |
| zinc (Zn) | max. 0.0005 | % | <0.0005 | % |
| heavy metals (as Ag) | max. 0.002 | % | <0.002 | % |
| chloride (Cl) | max. 0.005 | % | <0.005 | % |
| total N | max. 0.0003 | % | <0.0003 | % |
| phosphate (PO ₄) | max. 0.0005 | % | <0.0005 | % |
| silicate (as SiO ₂) | max. 0.0005 | % | <0.0005 | % |
| sulfate (SO ₄) | max. 0.003 | % | <0.003 | % |

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