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|  | LEONID CHEMICALS PVT. LTD. | | | | |
| | FINE CHEMICAL | | | | |
| Department: Quality Control | | Document No: LCPL/QSD/QAD/11 | | SOP No.: SOP/QC/11-S046 | |
| SPECIFICATION : SODIUM HYDROXIDE PELLETS AR | | | | | |
| Issue date | 23/04/2018 | Review date | 22/04/2023 | Location | All Units |
| Version No.: | 00 | Supersedes | -- | Page No | 1 of 2 |

PRODUCT DETAILS

| | | |
|---|---------------------|-------------|
| 1 | Molecular Formula | NaOH |
| 2 | Product code | S046 |
| 3 | Molecular weight | 40.00 |
| 4 | CAS No | 1310-73-2 |
| 5 | Risk Statement No | 35 |
| 6 | Safety Statement No | 26-37/39-45 |
| 7 | UN No. | UN1823 |

NaOH

PACKING DETAILS

| | | |
|---|--------------|-----------|
| | Product code | Pack size |
| 1 | S04610 | 500 g |
| 2 | S04613 | 5.0 Kg |

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

| | | |
|----|---|--|
| 1 | Description | White deliquescent pellets |
| 2 | Clarity | 10% Solution in water is clear and colourless. |
| 3 | Assay | Not more than 98.0% |
| 4 | Water insoluble matter | Not more than 0.01% |
| 5 | Ammonium (NH ₄) | Not more than 0.0005 |
| 6 | Carbonate (as Na ₂ CO ₃) | Not more than 1.0% |
| 7 | Chloride (Cl) | Not more than 0.005% |
| 8 | Nitrate (NO ₃) | Not more than 0.0005% |
| 9 | Phosphate (PO ₄) | Not more than 0.001% |
| 10 | Silicate (SiO ₂) | Not more than 0.01% |
| 11 | Sulphate (SO ₄) | Not more than 0.003% |
| 12 | Aluminium (Al) | Not more than 0.001% |
| 13 | Arsenic (As) | Not more than 0.00004% |
| 14 | Calcium (Ca) | Not more than 0.002% |
| 15 | Copper (Cu) | Not more than 0.001% |
| 16 | Iron (Fe) | Not more than 0.0005% |
| 17 | Lead (as Pb) | Not more than 0.0005% |

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SL. No. TEST PARAMETERS

18 Magnesium (Mg)

19 Nickel (Ni)

20 Potassium (K)

21 Zinc (Zn)

LIMITS

Not more than 0.0005%

Not more than 0.002%

Not more than 0.05%

Not more than 0.001%

SAFETY SYMBOLS



Corrosive