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|-----------------------------------------------------------------------------------|-----------------------------------|-------------------------------------|-------------------|--------------------------------|------------------|
|  | LEONID CHEMICALS PVT. LTD. | | | | |
| | FINE CHEMICAL | | | | |
| Department: Quality Control | | Document No: LCPL/QSD/QAD/11 | | SOP No.: SOP/QC/11-S090 | |
| SPECIFICATION : SODIUM SULPHATE ANHYDROUS AR | | | | | |
| Issue date | 23/04/2018 | Review date | 22/04/2023 | Location | All Units |
| Version No.: | 00 | Supersedes | -- | Page No | 1 of 1 |

PRODUCT DETAILS

| | | |
|---|---------------------|---------------------------------|
| 1 | Molecular Formula | Na ₂ SO ₄ |
| 2 | Product code | S090 |
| 3 | Molecular weight | 142.04 |
| 4 | CAS No | 7757-82-6 |
| 5 | Risk Statement No | -- |
| 6 | Safety Statement No | 24/25 |
| 7 | UN No. | -- |



PACKING DETAILS

| | | |
|---|--------------|-----------|
| | Product code | Pack size |
| 1 | S09010 | 500 g |
| 2 | S09013 | 5.0 Kg |

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

| | |
|----|------------------------------|
| 1 | Description |
| 2 | Clarity |
| 3 | Assay (dry basis) |
| 4 | pH (5% aqueous solution) |
| 5 | Chloride (Cl) |
| 6 | Phosphate (PO ₄) |
| 7 | Nitrogen compounds |
| 8 | Calcium (Ca) |
| 9 | Heavy metals (as Pb) |
| 10 | Iron (Fe) |
| 11 | Magnesium (Mg) |
| 12 | Reducing substances |
| 13 | Loss on drying (130°C) |

LIMITS

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|------------------------------------------------|
| White hygroscopic powder. |
| 10% solution in water is clear and colourless. |
| Not less than 99.5% |
| Between 5.0 and 8.0 |
| Not more than 0.001% |
| Not more than 0.001% |
| Not more than 0.001% |
| Not more than 0.01% |
| Not more than 0.001% |
| Not more than 0.001% |
| Not more than 0.01% |
| Not more than 0.002% |
| Not more than 0.5% |

SAFETY SYMBOLS