

CERTIFICATE OF ANALYSIS

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|--------------|--|-------------|---------------|
| Product Name | : SODIUM SULPHATE ANHYDROUS 99% AR/ACS | Analyzed On | : 02-Jun-2022 |
| Lot No. | : B418082206 | Mol. Weight | : 142.04 |
| Mol. Formula | : Na ₂ SO ₄ | CAS No. | : 7757-82-6 |
| Code No. | : 06015 | Exp. Date | : May-2027 |
| Mfg. Date | : Jun-2022 | UN No. | : - |
| HAZ. / P.G. | : - | | |

| Sr. | Tests | Specifications | Results |
|-----|--------------------------------------|----------------------------|--------------------------|
| 1 | Appearance | A white crystalline powder | White crystalline powder |
| 2 | Assay (Titration after Ion exchange) | Min 99% | 99.09% |
| 3 | Insoluble matter | Max 0.01% | <0.01% |
| 4 | pH (5% solution in water; 25°C) | 5.2 - 9.2 | 5.30 |
| 5 | Chloride (Cl) | Max 0.001% | 0.00098% |
| 6 | Phosphate (PO ₄) | Max 0.001% | 0.00084% |
| 7 | Nitrogen compounds (as N) | Max 0.0005% | <0.0005% |
| 8 | Heavy metals (by ICP-OES) | Max 0.0005% | 0.000024% |
| 9 | Iron (Fe) | Max 0.001% | 0.00016% |
| 10 | Calcium (Ca) | Max 0.01% | 0.00068% |
| 11 | Potassium (K) | Max 0.01% | 0.00048% |
| 12 | Magnesium (Mg) | Max 0.005% | Nil |
| 13 | Loss on ignition (at 800°C) | Max 0.5% | 0.094% |

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**



Kavita
Chemist



Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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