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CERTIFICATE OF ANALYSIS

Name of the Sample : **Sodium Hydroxide Pellets AR**
Batch No. : **225855**
Date of Mfg : **July 2022**
Date of Exp : **June 2027**
Register No. : **2022-23**
Qty of Sample : **500gm**
Date of Analysis : **July 2022**

| S. No | Test Parameters | Observed Values | Standard Values |
|-------|------------------------|-----------------|---------------------------|
| 1. | Description | Passes | White hygroscopic Pellets |
| 2. | Assay (NaOH) | 98.2% | NLT 98.0% |
| 3. | Water insoluble matter | 0.006% | NMT 0.01% |
| 4. | Carbonate | 0.65% | NMT 1.0% |
| 5. | Chloride | <0.005% | NMT 0.005% |
| 6. | Nitrogen compounds | <0.0005% | NMT 0.0005% |
| 7. | Phosphate | < 0.02% | NMT 0.02% |
| 8. | Silicate | < 0.01% | NMT 0.01% |
| 9. | Sulfate | < 0.005% | NMT 0.005% |
| 10. | Calcium | < 0.005% | NMT 0.005% |
| 11. | Copper | < 0.0005% | NMT 0.0005% |
| 12. | Iron | < 0.001% | NMT 0.001% |
| 13. | Lead | < 0.0005% | NMT 0.0005% |
| 14. | Nickel | < 0.001% | NMT 0.001% |
| 15. | Potassium | < 0.05% | NMT 0.05% |

Chief Chemist