## HANGZHOU OCEAN CHEMICAL CO., LTD

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## **CERTIFICATE OF ANALYSIS**

| Product name     | TRANS-1,2-CYCLOHEXANEDIAMINE-N,N,N',N'-TETRAACETIC ACID MONOHYDRATE |
|------------------|---|
| CAS NO           | 125572-95-4   |
| Batch No         | 240103  |
| Quantity         | 15KG  |
| Manufacture date | Jan 18,2024   |
| Analysis date    | Jan 24,2024   |
| Shelf life       | One year  |
| Quality Standard | The enterprise standard   |

| Test Items           | Specifications  | Results  |
|----------------------|---|----------|
| Appearance           | White to Off-white powder                               | Conforms |
| Assay                | ≥99.0%  | 99.9%    |
| Loss on drying       | ≦0.5%   | 0.1%     |
| Melting Point        | 205-216℃ (Simultaneous decomposition during melting)    | 209.5℃   |
| Residues on Ignition | ≦0.5%   | 0.2%     |
| Heavy Metals         | ≦10ppm  | <10ppm   |
| Fe                   | ≦50ppm  | <50ppm   |
| Conclusion           | The result conforms to the enterprise standard as above |          |

Q.C.Director: Analyst:

