

### Certificate Of Analysis

|                   |  |              |               |
|-------------------|--|--------------|---------------|
| Product Name      | Sodium levothyroxine   | Batch No.    | 2303161556    |
| Sample Qty Base   | 855.05 KGS   | MFG. Date    | 2023.03.16    |
| Report Date       | 2023.03.17   | EXP. Date    | 2026.03.15    |
| CAS NO            | 25416-65-3   | Packing      | 25 KGS / Drum |
| Item              | Standard   | Test Results |               |
| Appearance        | Milk white crystalline powder  | Complies     |               |
| Solubility        | Very slightly soluble in water, slightly soluble in ethanol (96 per cent). It dissolves in dilute solutions of alkali hydroxides.  | Complies     |               |
| Identification    | A. Infrared Absorption   | Complies     |               |
|                   | B. The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation obtained as directed in the Assay | Complies     |               |
| Smell             | No smell   | Complies     |               |
| Melt, °C          | 205 ~ 210  | Complies     |               |
| Loss on drying, % | ≤ 1  | < 1          |               |
| Heavy Metals, ppm | ≤ 10   | < 10         |               |
| Specific rotation | 16° (c=2, 1M HCl/alcohol 1/4)  | Complies     |               |
| Purity, %         | ≥ 98.0   | 98.2         |               |
| Storage           | Preserve in a tightly closed container and protected from light  | Complies     |               |
| Conclusion        | The batch conforms to the IN-HOUSE standard  |              |               |

Reported By: 张丽川 Checked By: 程雪 QC Manager: 郭毅军 QA Manager: 牛建刚

