

Certificate of analysis

Tofacitinib Citrate

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|-------------|---------------|------------------|--------------|
| CAS No | 540737-29-9 | Code | BIOJTFC001 |
| Batch No | C033024022301 | Manufacture Date | Feb.23, 2024 |
| Retest date | Feb.22, 2026 | Quantity | 400G |

| Testing Items | Specifications | Results |
|---------------------|---|--------------|
| Appearance | White or off-white powder | White powder |
| Identification | IR | Conform |
| | Color response | Conform |
| | Ultraviolet Visible spectrophotometry | Conform |
| Chloride | ≤0.02% | Conform |
| Heavy metals | ≤20ppm | Conform |
| Residue on ignition | ≤0.1% | 0.03% |
| Loss on drying | ≤0.5% | 0.22% |
| Solvent remains | Ethanol ≤5000ppm | Conform |
| | Acetone ≤5000ppm | Conform |
| | Toluene ≤890ppm | Conform |
| | Dimethyl sulfoxide ≤5000ppm | Conform |
| Isomer | ≤0.5% | Not detected |
| Related substances | Any single impurity ≤0.10% | 0.07% |
| | Total impurities ≤0.5% | 0.34% |
| Assay(HPLC) | 98.0%~102.0% (Calculated on the dried basis) | 99.8% |
| Conclusion | This product conforms to In-house standard | |

***Storage condition: Store below 25°C, Protect from moisture and light.**