

Certificate of analysis

Tofacitinib Citrate

CAS No	540737-29-9	Code	BIOJTFC001
Batch No	C033024081001	Manufacture Date	Aug.10, 2024
Retest date	Aug.09, 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%	0.05%
Solvent remains	Ethanol ≤5000ppm Acetone ≤5000ppm Toluene ≤890ppm Dimethyl sulfoxide ≤5000ppm	14ppm 100ppm Not detected Not detected
Isomer	≤0.5%	0.05%
Related substances	Any single impurity ≤0.10%	0.08%
	Total impurities ≤0.5%	0.12%
Assay(HPLC)	98.0%~102.0% (Calculated on the dried basis)	99.4%
Conclusion	This product conforms to In-house standard	

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