

Certificate of Analysis

Tofacitinib Citrate

CAS No	540737-29-9	Code	BIOJTFC001
Batch No	C033024090801	Manufacture Date	Sep.08, 2024
Retest date	Sep.07, 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	$\leq 0.02\%$	Conform
Heavy metals	$\leq 20\text{ppm}$	Conform
Residue on ignition	$\leq 0.1\%$	0.05%
Loss on drying	$\leq 0.5\%$	0.06%
Solvent remains	Ethanol $\leq 5000\text{ppm}$	Not detected
	Acetone $\leq 5000\text{ppm}$	Not detected
	Toluene $\leq 890\text{ppm}$	Not detected
	Dimethyl sulfoxide $\leq 5000\text{ppm}$	Not detected
Isomer	$\leq 0.5\%$	Not detected
Related substances	Any single impurity $\leq 0.10\%$	0.05%
	Total impurities $\leq 0.5\%$	0.17%
Assay(HPLC)	98.0%~102.0% (Calculated on the dried basis)	99.7%
Conclusion	This product conforms to In-house standard	

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