



Bayee Biotech (Anqing) Co., Ltd.

6# Building, 8# Huangguan Road, Anqing Hi-Tech Industrial Development Zone, China

Tel: +86-556-5032306

Fax: +86-556-5032307

service@bayeebio.com

www.bayeebio.com

No.: BY-TQA-01-0007

Certification of Analysis

Name: Tofacitinib Citrate

Batch No.: 20180907

CAS:540737-29-9

Mfg. Date: Sept, 7th, 2018

Molecular Formula: C₁₆H₂₀N₆O.C₆H₈O₇

Retest. Date: Sept, 6th, 2019

Quantity: 16.5kg

Items	Specification of Standard	Result of Analysis
Appearance	White to off-white solid powder	Passed
Solubility	Slightly soluble in water,very slightly soluble in methanol,hardly insoluble in ethanol,acetone& acetonitrile	Passed
Identification	A. The IR spectrum of sample should concordant with that of standard. B. The retention time of the major peak in he chromatogram of the sample preparation corresponds to that of the standard preparation as obtained in the	Passed
Loss on drying	≤0.5%	0.21%
Heavy metal	≤20ppm	Passed
Residue on Ignition	≤0.2%	0.08%
Citrate Content(on dried basis)	36.20% to 40.00%	37.25%
Assay	99.0%~101.0%	100.0%
Conclusion	The batch meets to the enterprise's standards.	

Checker:

