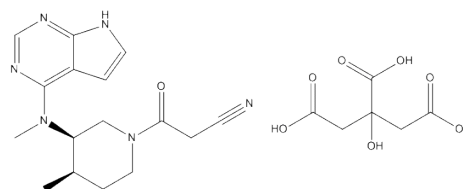


Certificate Of Analysis

Name: Tofacitinib citrate
CAS No.: 540737-29-9
Cat No.: A855198
Molecular Formula: C₁₆H₂₀N₆O₆.C₆H₈O₇
Molecular Weight: 504.497
Batch No.: T08012020
Mfg.Date: 2020.01.08
Exp.Date: 2022.01.07



Items	Specifications	Results
Appearance	White solid	Conforms
Identification		
1H NMR	1H NMR spectrum of the sample corresponds to the reference spectrum	corresponds to the reference spectrum
Test		
Water (KF)	≤1.0%	0.17%
Residue on Ignition	≤0.1%	0.06%
Stereoisomers (Chiral HPLC)	Enantiomer ≤ 0.20%	Not found
Related substances (RP HPLC)	Unspecified impurity: ≤ 0.10%	0.03%
	Other Unspecified impurity: ≤ 0.10%	0.04%
Purity (RP HPLC)	98%(min)	Conforms
Solvents (GC)	Ethanol (5000ppm)	800ppm
	Methanol (3000ppm)	Not detected
	Toluene (890ppm)	Not detected
Assay (Material balance)	98.0%-102.0%	99.9%