



Certificate of Analysis

Product name	Baricitinib	Manufacture date	July.11.2022
Batch number	FQ220311	Analysis date	July.12.2022
Batch quantity	500kg	Expiry date	July.11.2024

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White powder	Complies
Solubility	Soluble in DMF, sparingly soluble in THF, slightly soluble in methanol and acetonitrile, very slightly soluble in ethanol and dichloromethane, insoluble in water	Complies
Polymorphic Form	Polymorphic form 1	Complies
Melting Point	211°C~216°C	212.8°C~214.9°C
Water Content	≤ 0.50%	0.10%
Heavy Metals	≤ 20ppm	Complies
Residue on Ignition	≤ 0.20%	0.09%
Related Substance	Any single impurity: ≤0.10%	0.06%
Assay (on the anhydrous basis)	98.0%~102.0%	99.94%
Particle Size	D90: ≤100μm	Complies
Conclusion	Meets in-house specification.	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer

Corrector

Analyst

