



CERTIFICATE OF ANALYSIS

Product Name	Letrozole (CAS No: 112809-51-5)		
Quantity	52.8kg	Packing	25kg/ fiber drum
Batch No	BJM20210503	Mfg Date	2021.05.17
Report Date	2021.05.20	Exp Date	2023.05.16

Test Item	Test Specification	Test Result
Appearance	White or off-white crystalline powder	White crystalline powder
Solubility	Soluble in chloroform and acetone, slightly soluble in methanol, Almost insoluble in water	Conform
Melting Point	181- 185℃	182.7 - 183.9℃
Absorbance	1150 - 1222	1173
UV	Max absorption wavelength: 240nm	Conform
	Min absorption wavelength: 215nm	Conform
IR	Conform to the Ref standard	Conform
HPLC	Conform to the Ref substance	Conform
Related substances	Impurity A: ≤ 0.3%	0.05%
	Impurity B: ≤ 0.2%	Not detected
	Other Impurity: ≤ 0.1%	0.04%
	Total Impurity: ≤ 0.3%	0.18%
Chloroform	≤ 0.006%	0.00008%
Methanol	≤ 0.3%	0.08%
Acetone	≤ 0.5%	Not detected
Ethyl acetate	≤ 0.5%	Not detected
Isopropyl ether	≤ 0.5%	Not detected
DMF	≤ 0.088%	Not detected
Loss on drying	≤ 0.3%	0.07%
Residue on Ignition	≤ 0.1%	0.05%
Heavy Metal	≤10ppm	Conform
Assay	99.0% - 102.0%	99.82%
Conclusion: Conform to the above USP Standard		

Analyst: 唐永丰

Checker: 徐平

Sign Date: 2021.05.20

