

CERTIFICATE OF ANALYSIS

Product Name:	Bortezomib		
Batch No.	190501BM		
Code	BM	Manufacturing Date	May 24, 2019
Report Date	June 6, 2019	Retest To	May 23, 2020
COA No.	A190661	Specification	In-house
Analytical results			
Items	Specifications		Results
Character	White or off-white powder		White powder
Loss on drying	≤1.0%		0.64%
Heavy metals	≤20ppm		<20ppm
Optical rotation	-45°~-55°		-52.4°
Related substances	Unspecified impurity ≤0.10%		0.06%
	Total impurities ≤1.0%		0.31%
Residual solvents	Methanol ≤0.3%		N.D
	Dichloromethane ≤0.06%		N.D
	Hexane ≤0.029%		0.02%
	Ethyl acetate ≤0.5%		0.26%
Purity	≥99.0%		99.69%
Conclusion	Qualified.		

Inspector: Carlifor Wu

Verifier: Jack He

