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Maling community, Yuehai Street, Nanshan District, Shenzhen

### Certificate of Analysis

<b>Product Name</b>	Nilotinib monohydrate	<b>Manufacture Date</b>	2020-10-26
<b>Batch No.</b>	20201026	<b>Report Date</b>	2020-10-27
<b>Batch Quantity</b>	30kg	<b>Retest Date</b>	2022-10-25
<b>CAS No.</b>	923288-90-8	<b>Standard</b>	In-house

Items	Specifications	Results
Appearance	White to off-white powder	Off-white powder
Identification	HPLC	Conforms
	NMR	Conforms
Water content (KF)	3.0%~4.5%	3.45%
Residual on ignition	≤0.1%	0.08%
Residual solvents	Methyl alcohol≤0.3%	N.D.
	Ethyl alcohol≤0.5%	N.D.
Related substances	Largest single impurity≤0.1%	0.03%
	Total impurities≤0.5%	0.08%
Heavy metal	≤20ppm	Conforms
Chloride content	5.5%~6.5%	Conforms
Assay	98.0%~102.0%	99.92%
Conclusion	The product conforms to the In-house standard.	
Storage condition	Preserve in tight containers, protected from light.	

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