



## HANGZHOU SARTORT BIOPHARMA CO., LTD

### CERTIFICATE OF ANALYSIS

<b>Product Name: Nepafenac</b>		
Molecular Formula: C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>	CAS No.: 78281-72-8	
Molecular Weight: 254.284	Quantity: 10kg	
Batch No.: ST-20200319	Manufacturing date: 2020.03.19	
Item	Specification	Results
<b>Appearance</b>	A yellow or light yellow crystalline power	Light yellow crystalline power
<b>Solubility</b>	Freely soluble in dimethyl sulfoxide, insoluble in water, sparingly soluble in tetrahydrofuran, slightly soluble in methanol and acetonitrile	Conforms
<b>Loss on drying</b>	≤1.0%	0.17%
<b>Residue on ignition</b>	≤0.1%	0.05%
<b>Residual Solvents</b>	Acetonitrile NMT 0.041%	Not found
	Isopropanol NMT 0.5%	0.11%
	Tetrahydrofuran NMT 0.072%	Not found
	Dichloromethane NMT 0.06%	Not found
<b>Heavy metals</b>	≤0.002%	Conforms
<b>Sulphated ash</b>	≤0.1%	0.08%
<b>Assay</b>	NLT 98.0%~101.5%(on dried basis)	99.4%
<b>Conclusion</b>	The batch is in compliance with Enterprise Standard.	

QC:

QA:

