



HANGZHOU SARTORT BIOPHARMA CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Arbutin		
CAS No.: 497-76-7	Quantity: 500kg	
Batch No.: ST-201120	Manufacturing date: 2020-11-20	
Exp. Date: 2022-11-19		
Item	Specification	Results
Appearance	White crystalline powder	White crystalline
Melting point	198.5~201.5℃	200.0-200.7℃
PH value of 1% aqueous solution	5.0~7.0	5.88
Specific optical rotation	$[\alpha]_D^{20} = -66 \pm 2^\circ$	-65.43°
Arsenic	≤ 2 ppm	Conforms
Hydroquinone	≤ 10 ppm	Conforms
Heavy metal	≤ 10 ppm	Conforms
Loss on drying	$\leq 0.5\%$	0.1%
Pathogen	Bacteria: ≤ 300 cfu/g	<20cfu/g
	Fungus: ≤ 100 cfu/g	<20cfu/g
Conclusion	Conforms to standard	

QC :

May Hu

QA:

Cathy Shen

