

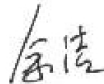


ZHONGBAO CHEMICALS CO., LIMITED

Westlake Technical Zone, Hangzhou City, Zhejiang Province P.C 310030, China

• 86-571-85811826 • Fax 86-571-87357766 E-mail: sales@zhongbaochemical.comwww.zhongbaochemical.com**CERTIFICATE OF ANALYSIS**

Product Name	BETA ARBUTIN		Analysis basis	IN-HOUSE STANDARD	
Batch Number	20250712	Date of Mfg.	2025-07-12	Date of Expiry	2027-07-11
Quantity	100 kgs	Packages Size	20kg/ctn		
Storage condition		Keep the container tightly closed in a dry and well-ventilated indoor area, away from light or heat or moisture			
ITEM		SPECIFICATION		RESULTS	
Appearance		White crystalline powder		Conforms	
Assay		Not less than 98.0%		99.9%	
Melting point		199-201±0.5℃		200.4-200.9℃	
Clarity of water solution		Transparency, colorless, none suspended matters		Conforms	
pH		5.0-7.0		5.6	
Specific optical rotation		-66±2°		-65.20°	
Arsenic		Not more than 2ppm		<2ppm	
Hydroquinone		Not more than 10ppm		2.0ppm	
Heavy metals		Not more than 10ppm		<10ppm	
Loss on drying		Not more than 0.5%		0.06%	
Residue on ignition		Not more than 0.5%		0.06%	
Conclusion: The above results comply with In-House Standard.					
Analysts:	Liu Yan	Checker	Lin Jiayin	Supervisor	Yu Jie
Signature		Signature		Signature	

A member of
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