



Distributed By –
UMC Ingredients
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Certificate of Analysis

Date/日期 :15/10/2021
H.C code:10275
Product/产品名称 :BN5/ Boron Nitride
Lot No./ 批号 :210625
Produce date/生产日期: 25/06/2021
Best before date/ 最佳使用期限: 24/06/2023
Quantity/数量 :1KG

Test Item	Test Results	Specifications	Unit	Method
测试项目	检测结果	要求	单位	方法
Appearance/外观	confirmed	Free flowing powder	--	Visual
Odor/气味	confirmed	Faint Characteristic Odor	--	Organoleptic
Purity/纯度	99.3	≥99.0	%	--
Whiteness/白度 (W _r)	94.2	≥90	--	Colorimeter
Tap Density/ 振实密度	0.34	0.20-0.50	g/cm ³	GB/T 5162
Loss on Drying/ 干燥失重	0.23	1.0 max	%	105°C 2 hours
Particle size(D ₅₀)/ 粒径	5.92	4-6	μm	Laser Diffraction
Lead (Pb)/ 铅	Not detected	≤5	mg/kg	ICP-MS (Method Detection Limit(s): 0.2mg/kg)
Mercury (Hg)/ 汞	Not detected	≤1	mg/kg	
Arsenic (As)/ 砷	Not detected	≤2	mg/kg	
Cadmium (Cd)/ 镉	Not detected	≤3	mg/kg	
Antimony (Sb)/ 锑	Not detected	≤1	mg/kg	
Nickel (Ni)/ 镍	Not detected	≤10	mg/kg	ICP-OES (Method Detection Limit: 5mg/kg)
Total bacteria/菌落总数	<100	<100	cfu/g	GB/T7918
Coliform/大肠杆菌	Negative	Negative		
Mould& Yeasts count/霉菌和酵母菌	<10	<10		

Version: HC275-E1

Issued by lab
CERTIFIED BY:
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