



Specification

GR5400 Crystal Bronze

Edition: YZ2019-01TDS

Assays		Values		Method
Content	CAS-NO.	CI-NO.		
Synthetic Mica	12003-38-2		88 ~ 95 wt%	YUNZHU
Fe ₂ O ₃	1309-37-1	77491	5 ~ 12 wt%	YUNZHU
Visual evaluation				
Color			pass	YUNZHU
Luster			pass	YUNZHU
Density		2.8~ 3.2	g /cm ³	ISO 787-10
Bulk density		38 ~ 45	g /100ml	DIN 53466
Particle size	80 % within the range 200-700 μm		pass	Laser diffraction
PH – value	10 % aqueous slurry		5~9	ISO 787-9
Loss on drying	105 °C		< 0.5 wt %	ISO 787-2
Oil absorption			50 ~ 90 g oil/100g powder	ISO 787-5
Heavy metals				
	Pb	≤ 10	ppm	YUNZHU
	As	≤ 2	ppm	YUNZHU
	Hg	≤ 1	ppm	YUNZHU
	Cd	≤ 1	ppm	YUNZHU
	Sb	≤ 2	ppm	YUNZHU
	Cr	≤ 100	ppm	YUNZHU
	Cu	≤ 50	ppm	YUNZHU
	Ni	≤ 10	ppm	YUNZHU
Microorganisms				
	Aerobic bacteria	≤ 100	CFU /g	YUNZHU
	Yeasts and moulds	≤ 100	CFU /g	YUNZHU
	Gram negative bacteria	absent in 1 g		YUNZHU
	Staphylococcus aureus	absent in 1 g		YUNZHU

Note: This colorant conforms to the regulations 1223/2009, EU231/2012 and FDA 21 CFR 73.

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