



Specification

GR5502 Crystal Brown red

Edition: YZ2019-01TDS

Assays		Values		Method	
Content	CAS-NO.	CI-NO.			
Synthetic Mica	12003-38-2		83 ~ 90	wt%	YUNZHU
Fe ₂ O ₃	1309-37-1	77491	10 ~ 17	wt%	YUNZHU
Visual evaluation					
Color			pass		YUNZHU
Luster			pass		YUNZHU
Density			2.7~ 3.2	g /cm ³	ISO 787-10
Bulk density			33 ~ 38	g /100ml	DIN 53466
Particle size	80 % within the range 60-320 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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