



Specification

Edition: YZ2019TDS

GR86760 Sparkling Gold/Green

Assays		Values		Method	
Content	CAS-NO.	CI-NO.			
Synthetic Mica	12003-38-2		48~66	wt%	YUNZHU
Fe2O3	1309-37-1	77491	15~23	wt%	YUNZHU
SiO2	7631-86-9	Silica	19~27	wt%	YUNZHU
D&C Green 5	4403-90-1	61570	0~2	wt%	YUNZHU
Visual evaluation					
Color			pass		YUNZHU
Luster			pass		YUNZHU
Density			2.2~2.8	g /cm3	ISO 787-10
Bulk density			43 ~ 51	g /100ml	DIN 53466
Particle size	90 % within the range 10-100 μm		pass		Laser diffraction
PH – value	10 % aqueous slurry		3.5~9.0		ISO 787-9
Loss on drying	105 °C		< 1.0	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					
		Organisms	< 100	CFU /g	MP-35
		Pathogens	absent	in 1 g	MP-35

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