



# Specification

Edition: YZ2019TDS

## GR86763 Green-Red

Assays			Values	Method
Content	CAS-NO.	CI-NO.		
Synthetic Mica	12003-38-2	---	42 ~ 60 wt%	YUNZHU
TiO <sub>2</sub>	13463-67-7	77891	35 ~ 45 wt%	YUNZHU
SiO <sub>2</sub>	7631-86-9	---	5 ~ 10 wt%	YUNZHU
SnO <sub>2</sub>	18282-10-5	77861	≤1 wt%	YUNZHU
FD&C Red 40	25956-17-6	16035	0 ~ 2 wt%	YUNZHU

### Visual evaluation

Color/Luster		pass	YUNZHU
Density		2.6 ~ 3.4 g /cm <sup>3</sup>	ISO 787-10
Bulk density		18 ~ 26 g /100ml	DIN 53466
Particle size	90 % within the range 30-150 μm	pass	Laser diffraction
PH – value	10 % aqueous slurry	3.5~9.5	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	≤ 1 ppm	YUNZHU
	Hg	≤ 1 ppm	YUNZHU
	Cd	≤ 1 ppm	YUNZHU
	Sb	≤ 1 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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