



Specification

GR9945 Magic Yellow/green

Edition: YZ201901TDS

Assays			Values		Method
Content	CAS-NO.	CI-NO.			
Sheet Glas	65997-17-3	Calcium Aluminum Borosilicate	63-68	wt%	YUNZHU
TiO ₂	13463-67-7	77891/ Titanium dioxide	4-14	wt%	YUNZHU
SiO ₂	7631-86-9	Silica	22-27	wt%	YUNZHU
SnO ₂	18282-10-5	77861/ Tin dioxide	≤1	wt%	YUNZHU

Visual evaluation

Color		pass		YUNZHU
Luster		pass		YUNZHU
Density		2.7~ 3.2	g /cm ³	ISO 787-10
Bulk density		18 ~ 24	g /100ml	DIN 53466
Particle size	90 % within the range 40-150 μm	pass		Laser diffraction
PH – value	10 % aqueous slurry	5~11		ISO 787-9
Loss on drying	105 °C	< 1	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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