



Specification

GR097 Shimmer Sunset Yellow

Edition: YZ2019-01TDS

Assays			Values		Method
Content	CAS-NO.	INCI Name			
Sheet Glass	65997-17-3	Calcium Aluminum Borosilicate	85-94	wt%	YUNZHU
TiO ₂	13463-67-7	CI 77891 / Titanium Dioxid	6-12	wt%	YUNZHU
SnO ₂	18282-10-5	CI 77861 / Tin Oxide	≤1	wt%	YUNZHU
FD & C Yellow 6	2783-94-0	CI 15985/ FD&C Yellow No.6	≤2	wt%	YUNZHU
Visual evaluation					
Color		pass		YUNZHU	
Luster		pass		YUNZHU	
Density		2.2~ 3.0	g /cm3	ISO 787-10	
Bulk density		22 ~ 30	g /100ml	DIN 53466	
Particle size	80 % within the range 80-250 μm	pass		Laser diffraction	
PH – value	10 % aqueous slurry	6~11		ISO 787-9	
Loss on drying	105 °C	< 1	wt %	ISO 787-2	
Oil absorption		30 ~ 80 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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