



Specification

GR090 Shimmer Lemon Yellow

Edition: YZ2019-01TDS

Assays			Values		Method
Content	CAS-NO.	INCI Name			
Sheet Glass	65997-17-3	Calcium Aluminum Borosilicate	88-94	wt%	YUNZHU
TiO ₂	13463-67-7	CI 77891/ Titanium Dioxide	6-9	wt%	YUNZHU
SnO ₂	18282-10-5	CI 77861 / Tin Oxide	≤1	wt%	YUNZHU
FD&C yellow 5	1334-21-0	CI 19140 / FD&C Yellow 5	≤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 50-300 μm	pass			Laser diffraction
PH – value	10 % aqueous slurry	6~11			ISO 787-9
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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