



Specification

GR005X Brilliant Silver

Edition: YZ2019-01TDS

Assays		Values		Method
Content	CAS-NO.	CI-NO.		
Sheet Glass	65997-17-3		95-96 wt%	YUNZHU
Ag	7440-22-4	77820	4-5 wt%	YUNZHU
Visual evaluation				
Color			pass	YUNZHU
Luster			pass	YUNZHU
Density			2.8~ 3.6 g /cm3	ISO 787-10
Bulk density			30 ~ 60 g /100ml	DIN 53466
Particle size	90 % within the range 1000-3000µm		pass	Laser diffraction
PH – value	10 % aqueous slurry		7~11	ISO 787-9
Loss on drying	105 °C		< 0.5 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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