



Specification

AG604-3 Sapphire blue

Edition: YZ2019-01TDS

Assays			Values	Method
Content	CAS-NO.	CI-NO.		
Mica	12001-26-2	77019	41~51 wt%	YUNZHU
TiO ₂	13463-67-7	77891	49~57 wt%	YUNZHU
Pigment blue15:3	147-14-8	74160	0~2 wt%	YUNZHU

Visual evaluation

Color		pass	YUNZHU
Luster		pass	YUNZHU
Density		2.5~3.1 g /cm ³	ISO 787-10
Bulk density		17~ 25 g /100ml	DIN 53466
Particle size	80 % within the range 10~60μm	pass	Laser diffraction
PH – value	10 % aqueous slurry	5~9	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
Conductance		≤100 μs/cm	ISO 787-14

Heavy metals

Pb	≤	30	ppm	YUNZHU
As	≤	5	ppm	YUNZHU
Hg	≤	1	ppm	YUNZHU
Cd	≤	5	ppm	YUNZHU

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