



Specification

GR9124 Magic Blue/Purple

Edition: YZ201901TDS

Assays		Values			Method
Content	CAS-NO.	INCI Name			
Synthetic Mica	12003-38-2	Fluorphlogopite	58 ~ 62	wt%	YUNZHU
TiO ₂	13463-67-7	77891/ Titanium dioxide	4 ~ 8	wt%	YUNZHU
SnO ₂	18282-10-5	77861/ Tin dioxide	≤1	wt%	YUNZHU
SiO ₂	7631-86-9	Silica	24 ~ 28	wt%	YUNZHU
Fe ₂ O ₃	1309-37-1	77491/ Diiron Trioxide	4 ~ 8	wt%	YUNZHU
Visual evaluation					
Color		pass			YUNZHU
Luster		pass			YUNZHU
Density		2.2~2.7	g /cm ³		ISO 787-10
Bulk density		40 ~ 65	g /100ml		DIN 53466
Particle size	80 % within the range 30-120 μm		pass		Laser diffraction
PH – value	10 % aqueous slurry		5~11		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					
		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.

Shanghai Yunzhu Pigment Technology Co.,Ltd.

No.27 Lane 111,Shunda Road,Nanxiang Town, Jiading Area,Shanghai,China.

Tel: 0086-21-56377935 / 56373532

Home Page: www.chinayunzhu.com

Fax: 0086-21-66102842

E-mail: shyz@chinayunzhu.com