

Product Specification



Product code:

RK9315

Product name:

Crystal flash gold

Particle size:

30-120 μ m

Composition	Content	CAS No.	EC No.	CI No.
Fluorophlogopite	39%-49%	12003-38-2	234-426-5	
Titanium dioxide (TiO ₂)	36%-40%	13463-67-7	236-675-5	77891
Diiron Trioxide(Fe ₂ O ₃)	15%-20%	1309-37-1	215-168-2	77491
Tin Oxide (SnO ₂)	0%-1%	18282-10-5	242-159-0	77861

Test items	Product Information	Test method
Appearance	gold, free flowing powder	RIKA In House Method
Odor	odorless	RIKA In House Method
Particle size	30-120 μ m (80% under this range)	Laser diffraction measurement
pH value	5-9(10% aqueous suspension)	ISO787-9
Loss on drying	\leq 0.5% (105 $^{\circ}$ C)	ISO787-2
Oil absorption	90 \pm 20g/100g	ISO787-5
Density (20 $^{\circ}$ C)	2.5-3.5g/cm ³	ISO787-10
Bulk density	12-45g/100ml	ISO60-2000

Heavy metal	Product Information	Test method
Lead (Pb.)	<10 ppm	ICP/ICP-MS
Antimony (Sb.)	<2 ppm	ICP/ICP-MS
Arsenic (As.)	<2 ppm	ICP/ICP-MS
Barium (Ba.)	<50 ppm	ICP/ICP-MS
Cadmium (Cd.)	<3 ppm	ICP/ICP-MS
Chrome (Cr.)	<100 ppm	ICP/ICP-MS
Mercury (Hg.)	<1 ppm	ICP/ICP-MS
Selenium (Se.)	<10 ppm	ICP/ICP-MS
Copper (Cu.)	<50 ppm	ICP/ICP-MS
Nickel (Ni.)	<10 ppm	ICP/ICP-MS
Zinc (Zn.)	<50 ppm	ICP/ICP-MS
Cobalt(Co.)	<30 ppm	ICP/ICP-MS

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