

Product code: RIK103
Product name: Rutile sterling silver
Particle size: 10-60 μm

Composition	Content	CAS No.	EC No.	CI No.
Mica	66%-77%	12001-26-2	--	77019
Titanium dioxide (TiO ₂)	23%-33%	13463-87-7	238-675-5	77891
Tin Oxide (SnO ₂)	0%-1%	18282-10-5	242-159-0	77861

Test Items	Product Information	Test method
Appearance	Silver white, free flowing powder	RIKA In House Method
Odor	odorless	RIKA In House Method
Particle size	10-60μm (80% under this range)	Laser diffraction measurement
pH value	6-10(10% aqueous suspension)	ISO787-9
Loss on drying	≤0.5% (105℃)	ISO787-2
Oil absorption	55-75g/100g	ISO787-5
Density (20℃)	2.9-3.1g/cm ³	ISO787-10
Bulk density	10-30g/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
Chromium (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

Angle	White Base					Black Base				
	L*	a*	b*	c*	h°	L*	a*	b*	c*	h°
45as15	139.43	-1.12	-0.54	1.24	205.70	133.25	-1.77	-3.24	3.69	241.41
45as25	100.53	-0.13	3.09	3.09	92.47	90.06	-1.86	-1.47	2.38	218.32
45as45	68.87	1.88	5.85	6.14	72.13	46.27	-1.47	-4.52	4.75	252.03
45as75	63.32	2.47	7.17	7.58	71.00	30.74	-1.42	-8.59	8.70	260.62
45as110	68.03	1.94	7.79	8.03	76.64	29.48	-1.38	-10.71	10.80	262.64

PEARL PIGMENT

ITEM:	LC103	PARTICLE SIZE:	10-60MM
COLOR:	Rutile sterling silver	NET WEIGHT:	25 KGS
LOT NO.:	20180725	GROSS WEIGHT:	27.5 KGS

Production date :25/7/2018
Expiry date : 25/7/2023
ELEZZ GROUP for import and export
Tel:01010888866-01112040008
MADE IN CHINA

RUTILE STERLING
SILVER