

PRODUCT SPECIFICATIONS

Product: **KTZ® SHIMMER WHITE**

INCI Name: Mica (And) Titanium Dioxide

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Free flowing pearlescent powder with silver white reflections. Free from visible contamination.			Visual
002A	Odor	Similar in character and intensity to standard, practically odorless to faint, "chemical" note			Organoleptic
010A	Loss on Drying, %	0.00		2.00	1 gram sample, 2hrs. @ 105°C
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
015N	TiO ₂ %	11.00		21.00	CLRTM-48
024W	Particle Size Range, μm	10		125	CLRTM-42
024X	Median size (D50), μm	45.0		82.0	CLRTM-42
025U	pH-Value (10% Aqueous Suspension)	6.00		11.00	CLRTM-45
027X	Arsenic, ppm	0		2	CLRTM-55
029U	Lead, ppm	0		10	CLRTM-55
031K	Mercury, ppm	0		1	CLRTM-55
032F	Antimony, ppm	0		2	CLRTM-55
080E	Cadmium, ppm	0		3	CLRTM-55
084F	Zinc, ppm	0		50	CLRTM-55
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
998A	* Note	Metals analysis is by ICP-MS. The digestion procedure is not a total digestion technique, but extracts environmentally available elements from the sample of interest.			