

## **PRODUCT SPECIFICATIONS**

### TiO2 KQ-I4

*INCI Name: Titanium Dioxide (And) Aluminum Hydroxide (And) Isopropyl Titanium Triisostearate*

<b>Test ID</b>	<b>Test Name</b>	<b>Specification</b>	<b>Test Methods</b>
001A	Appearance	Fine White Powder	Visual
002A	Odor	Slightly Waxy	Organoleptic
010A	Loss on Drying, %	Min : 0 - Max : 1	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
017A	Loss On Ignition, %	--	CTFA method E17-2 (3hrs@800C)
024N	Mean Particle Size, µm	--	Light Scattering Sizer
027F	Arsenic, ppm	Min : 0 - Max : 1	AAS
029H	Lead, ppm	Min : 0 - Max : 10	AAS
031C	Mercury, ppm	Min : 0 - Max : 1	AAS
032A	Antimony, ppm	Min : 0 - Max : 1	AAS
033B	Hydrophobicity	Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
998A	* Note	TiO2 prior to surface treatment meets all USP requirements	

Patent # 4,877,604

*If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.*

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