

## PRODUCT SPECIFICATIONS

### COMPOSITE ACT-50

*INCI Name: Titanium Dioxide (And) Acrylates Copolymer (And) Hydrated Silica (And) Algin (And) Aluminum Hydroxide*

Test ID	Test Name	Specification	Test Methods
001A	Appearance	White powder	Visual
002A	Odor	Characteristic	Organoleptic
010A	Loss on Drying, %	Min : 0 - Max : 5	2hrs. @ 105°C
012Q	Microbiology	TPC < 100 cfu/g; Yeast and Mold < 100 cfu/g; No Gram Negative	TZTM-54
016E	TiO2 %	Min : 47 - Max : 55	USP Method
024J	Particle Size Range, µm	100% > 100 nm	Light Scattering Sizer
024N	Mean Particle Size, µm	Min : 3 - Max : 9	Light Scattering Sizer
027C	Arsenic, ppm	Min : 0 - Max : 1	USP-211, Arsenic Limit Test
029I	Lead, ppm	Min : 0 - Max : 10	Current USP
031H	Mercury, ppm	Min : 0 - Max : 1	USP Standard
032G	Antimony, ppm	Min : 0 - Max : 2	USP Method
877X	Base pigments	TiO2 meets USP specifications prior to surface treatment	Tested by supplier
998A	* Note	These specifications are tentative.	

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

Oct. 2011