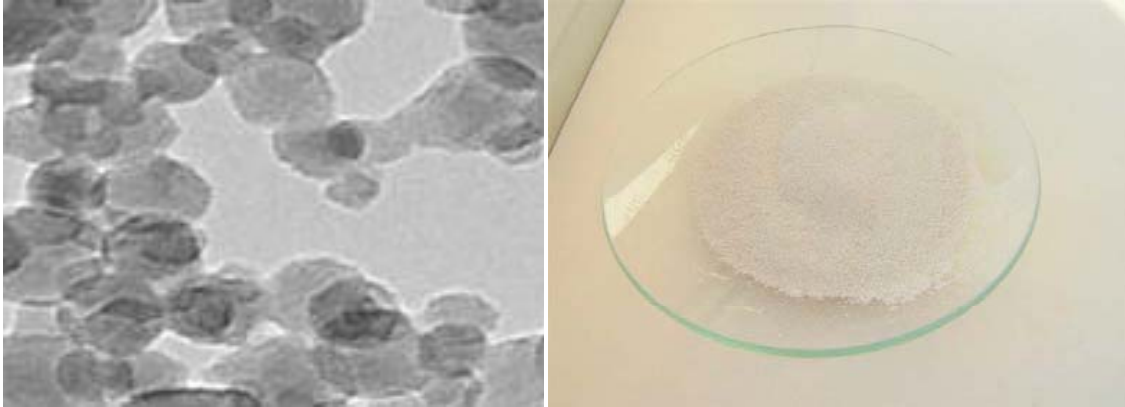


Nano Titanium Oxide Dispersion TI 205

5 w% in isopropanol

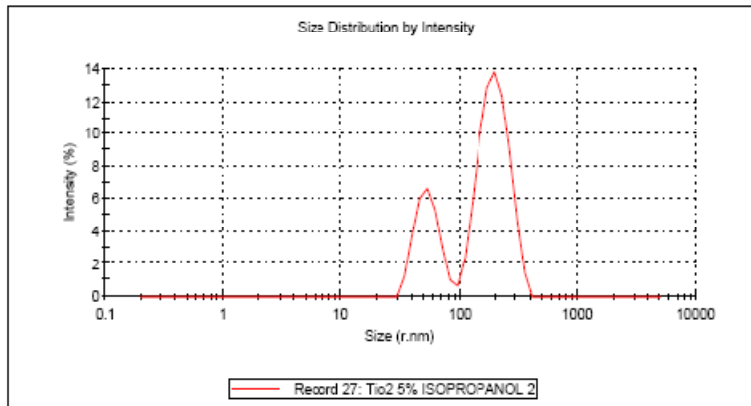
Characterization:

Average Particle size: 10-15 nm.(BET) Appearance: Milky viscous liquid PH : 5
Concentration : 5 w% in isopropanol Viscosity : 4 Cp Density: 0.97 gm/ml
conductivity : 0.16u S Colour : White Morphology: Spherical
Crystal Phase : 78.8% Anatase,21.2 Rutile Purity : 99.986%
Zeta potential -200nm: +72%, 54nm: +27%



Images of 13nm TiO2 particles

	Size (r.nm...)	% Intensity	Width (r.n...
Z-Average (r.nm): 101,5	Peak 1: 200,8	72,4	56,86
Pdl: 0,450	Peak 2: 54,28	27,6	13,17
Intercept: 0,911	Peak 3: 0,000	0,0	0,000
Result quality Good			



Zeta potential analysis of Nano Titanium Oxide TI 205

Important notice regarding this information

The statements and technical information contained in this document are based on our research and research of others. However, this document is not contractual, and nothing in it, constitutes a warranty (expressed or implied) that the goods described are accurate and fit for a particular purpose of the customer. Purchasers are advised to make their own tests to determine the suitability. This specification supersedes any former publication and is subject to change without notice.

For more details and quote, please send queries to:



ZIROX Technologies

F-8, Phase III, Riico Industrial Area, Beawar 305901. Rajasthan – India.
Tel +91 1462 512340, fax +91 1462 226966, Cell +91 9414009700
email: zirox50@gmail.com, zirox50@hotmail.com, ssr@zirox.co.in. Website: <http://www.zirox.co.in>