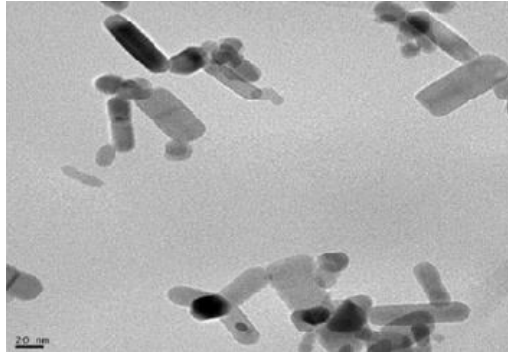


Nano Zinc Oxide Dispersion

15 w% in water

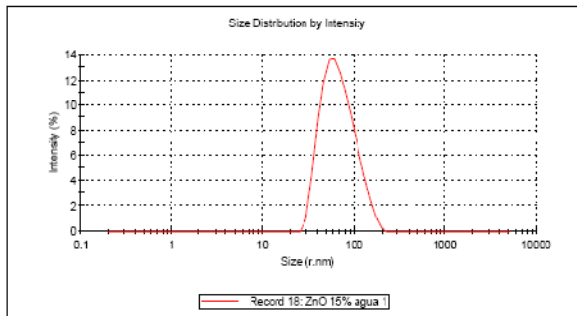
Characterization:

Average Particle size: 20-30 nm. (BET) Appearance: Milky viscous liquid PH : 10
 Concentration : 15 w% in water Viscosity : 3 Cp Density: 1.44 gm/ml conductivity
 : 4.13 uS Colour : White Morphology: Eloganted Purity
 :99.983%
 Zeta potential : 100% <72nm Specific Surface Area: 35-50 m2/gm True density:5.6 g/cc



Images of 20-30 nm ZnO nano particles

	Size (r.nm..)	% Intensity	Width (r.nm..)
Z-Average (r.nm):	61.67		
Pdl:	0.165		
Intercept:	0.942		
Result quality	Good		
Peak 1:	71.47	100.0	30.42
Peak 2:	0.000	0.0	0.000
Peak 3:	0.000	0.0	0.000



Zeta potential analysis of Nano ZnO ZN 115

BET Surface Area Report

BET Surface Area: 35.3031 ± 0.0731 m²/g
 Slope: 0.122956 ± 0.000250 g/cm³ STP
 Y-Intercept: 0.000353 ± 0.000049 g/cm³ STP
 C: 348.927791
 Qm: 8.1097 cm³/g STP
 Correlation Coefficient: 0.9999917
 Molecular Cross-Sectional Area: 0.1620 nm²

Relative Pressure (P/Po)	Quantity Adsorbed (cm ³ /g STP)	1/[Q(Po/P - 1)]
0.054700555	8.1159	0.007130
0.099385831	8.7755	0.012575
0.150093804	9.4137	0.018760
0.200658921	10.0515	0.024974
0.250605300	10.7312	0.031146
0.300214478	11.4946	0.037323

Important notice regarding this information

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