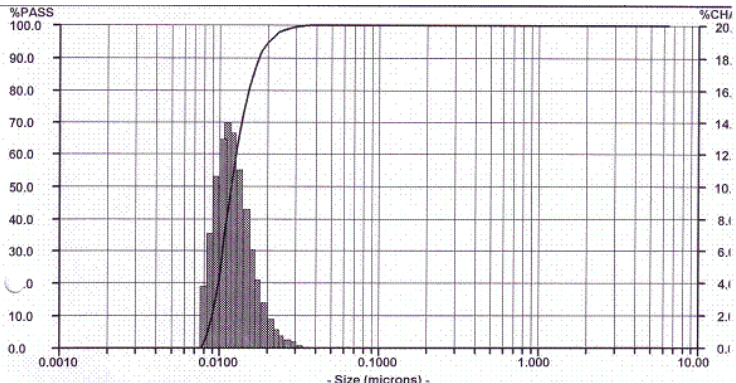
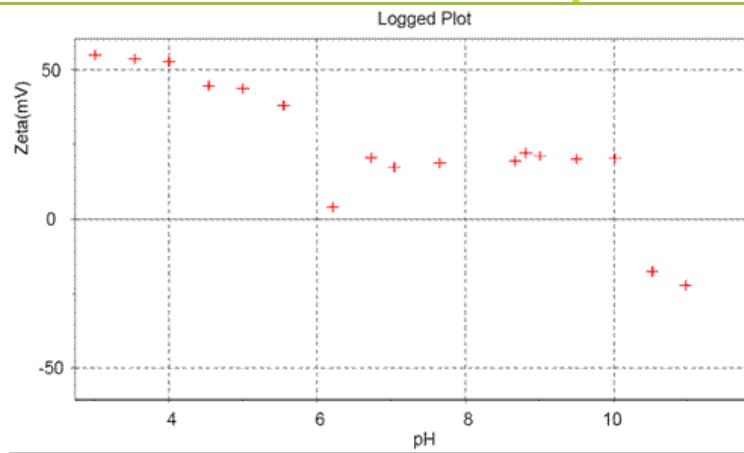


Material

Titanium dioxide (TiO₂)

Charge description / NanoCare product number	CH-000231 1.1
Provider	ItN Nanovation AG
Available form	aqueous suspension
Primary particle size [d₉₀ in nm]	17 nm
Particle size distribution	
pH	4.04 (in water)
BET Surface area	117 m ² /g
Particle morphology	Irregular spheres
Crystal phase and crystallinity	mixed phase anatase (95%)/rutile (5%)
Stabilisation	Polyoxa acid
Solubility in water	10 ppm
Purity/contamination	O 58 % Ti 41 % Cl <1 %
REM/TEM	

Zeta potential (in water)



Surface area chemistry

O	53 %
Ti	21 %
C	25 %
Cl	0.6 %