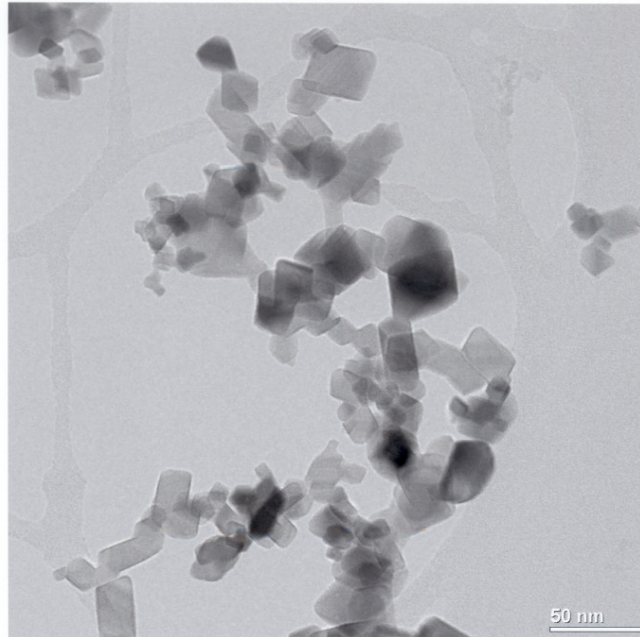


Material

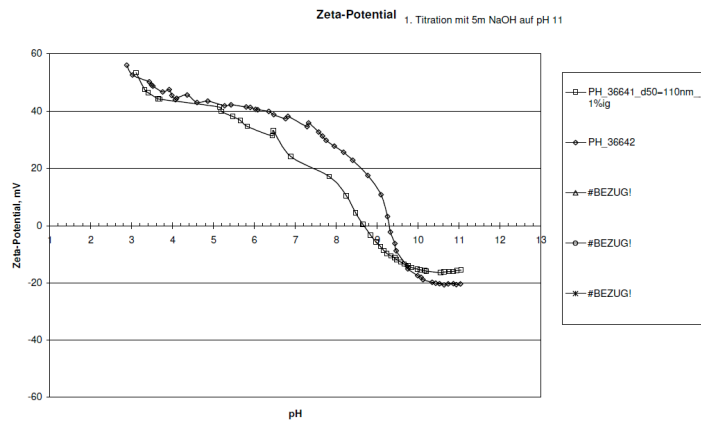
Ceroxid (CeO₂) modifiziert C

Chargenbezeichnung/ NanoCare Produktnummer	CH-000442 3.3																
Hersteller	Evonik Degussa																
Lieferform	Pulver																
Primärpartikelgröße [d₉₀ in nm]	23 nm																
Partikelgrößenverteilung	<p>Results</p> <table border="1"> <thead> <tr> <th></th> <th>Diam. (nm)</th> <th>% Intensity</th> <th>Width (nm)</th> </tr> </thead> <tbody> <tr> <td>Z-Average (d.nm): 232,7</td> <td>Peak 1: 270,9</td> <td>75,9</td> <td>186,5</td> </tr> <tr> <td>PdI: 0,614</td> <td>Peak 2: 4605</td> <td>18,2</td> <td>834,5</td> </tr> <tr> <td>Intercept: 0,776</td> <td>Peak 3: 24,66</td> <td>5,9</td> <td>5,387</td> </tr> </tbody> </table> <p>Result quality Refer to quality report</p>		Diam. (nm)	% Intensity	Width (nm)	Z-Average (d.nm): 232,7	Peak 1: 270,9	75,9	186,5	PdI: 0,614	Peak 2: 4605	18,2	834,5	Intercept: 0,776	Peak 3: 24,66	5,9	5,387
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pH Wert	3,4																
BET Oberfläche	38 m ² /g																
Partikelmorphologie	Aggregiert																
Kristallphase und Kristallinität	Kristallin (100 % fcc)																
Stabilisierung	HNO ₃																
Löslichkeit in Wasser	-																
Reinheit/Verunreinigungen	> 99.97 %																

REM/TEM



Zetapotential



CH 000442 = PH 36641

Oberflächenchemie

O	56,5 %
Ce	22,1 %
C	21,5 %