

# Specification Sheet

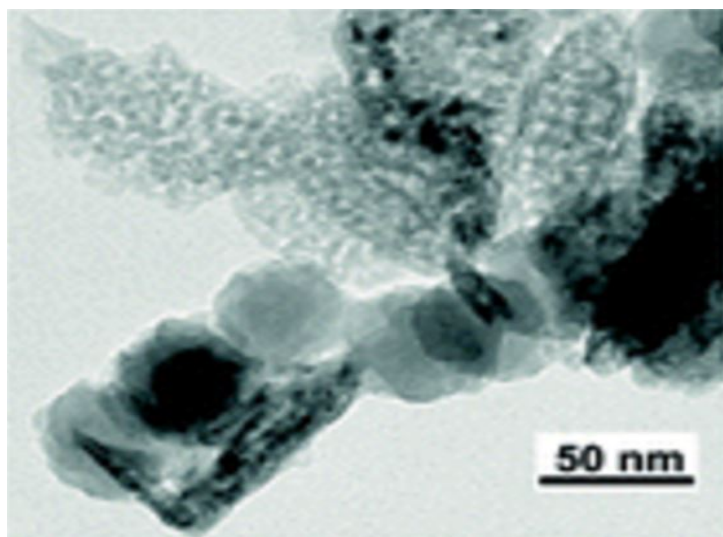
## TALC Nanoparticles

Stock No: NS6130-02-289, CAS: 14807-96-6

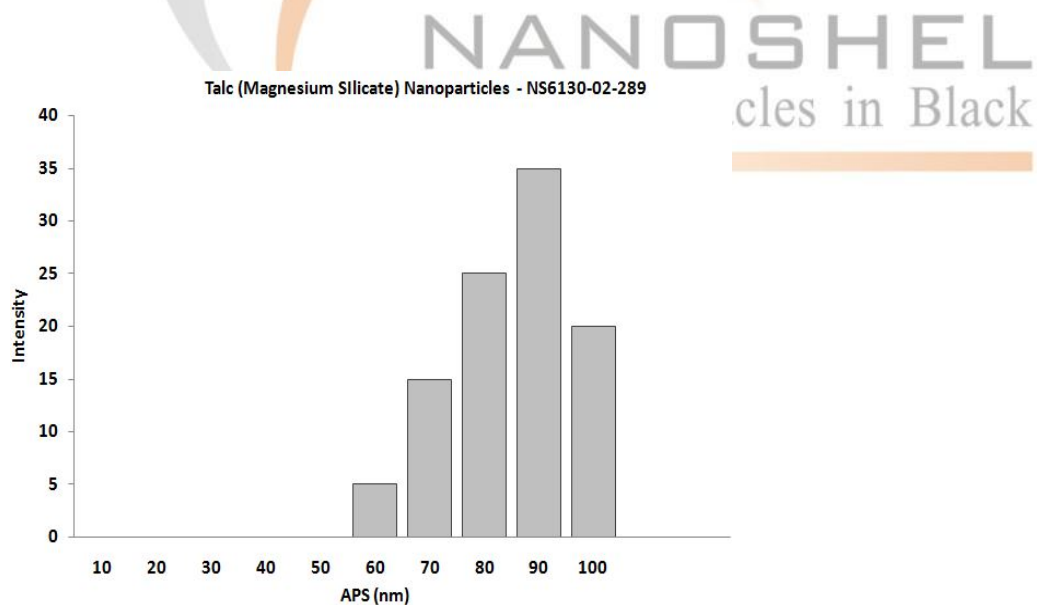
<b>Product</b>	:	<b>Talc Nanoparticles (Hydrous Magnesium Silicate)</b>
Stock No.	:	NS6130-02-289
CAS	:	14807-96-6
APS	:	< 100nm
Purity	:	99.9 %
Specific Gravity	:	2.70
Withness Rx	:	93 %
Brightness R457	:	84.34 %
Withness Ry	:	86.24 %
Yellowness YI	:	2.26 %
Oil Absorption	:	37 Gms/100Gms
Tapped Density	:	0.60
Tapped Bulk Density	:	0.40 gm/ml
Untapped Bulk Density	:	0.27 gm/ml
pH	:	8.50
Loss on Ignition	:	1.50
Moh's Hardness	:	1.00
Moisture Content	:	< 0.50%
Refractive Index	:	1.57
Solubility	:	< 3.00 in 1.0M HCl
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of TALC Nanoparticles



### SEM – Talc Nanopowder



### Talc Nanoparticles – Size Analysis