

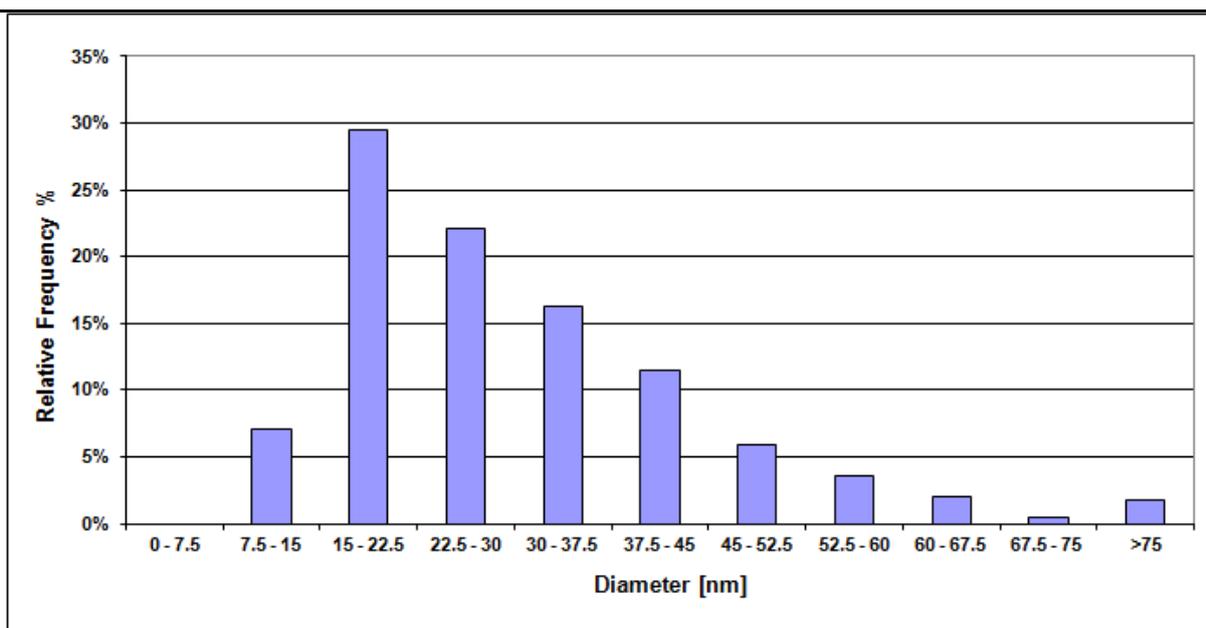


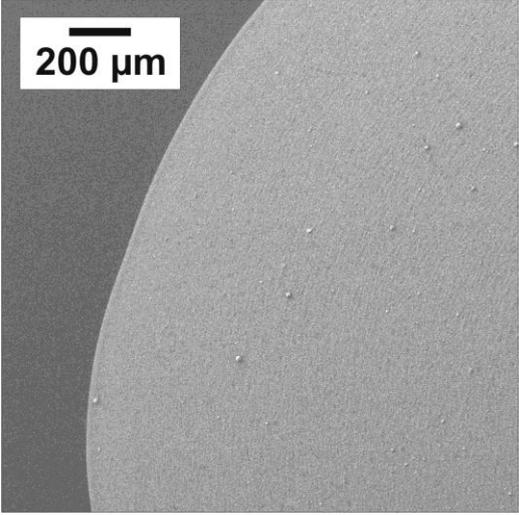
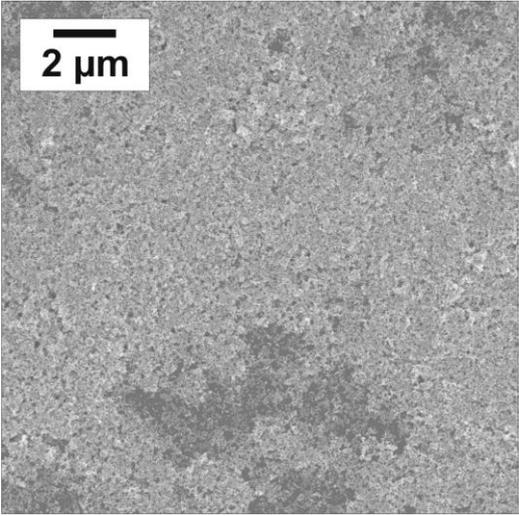
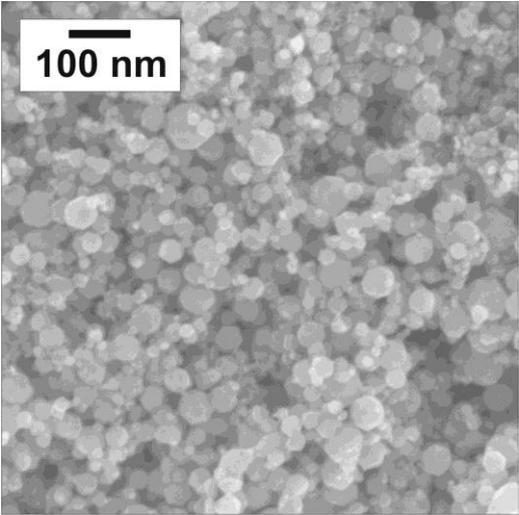
NanOxiMet

Primary Particle Size Analysis (SEM)

| | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material | Fe ₂ O ₃ |
| Date | 2015/01/12 |
| Particle Morphology | Spherical |
| Mean Diameter (nm) | 30.8 nm ± 16.1 nm |
| Mode Diameter (nm) | 21.6 nm |
| Sigma (fit) | $\sigma = 1.55$ |
| Comments | The observed particles and agglomerates /aggregates form compact structures in the drying area on the substrate. |
| Short description | Fe ₂ O ₃ consists mainly of spherical particles with a mean diameter of approximately 31 nm. The particles tend to form relatively compact agglomerates or even aggregates. |

Histogram



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|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>SEM Image (low magnification)</p> |  A scanning electron microscope (SEM) image showing a large, smooth, curved surface. A scale bar in the top left corner indicates 200 μm. |
| <p>SEM Image (medium magnification)</p> |  A scanning electron microscope (SEM) image showing a textured surface with small, dark, irregular features. A scale bar in the top left corner indicates 2 μm. |
| <p>SEM Image (high magnification)</p> |  A scanning electron microscope (SEM) image showing a dense field of small, spherical particles. A scale bar in the top left corner indicates 100 nm. |