

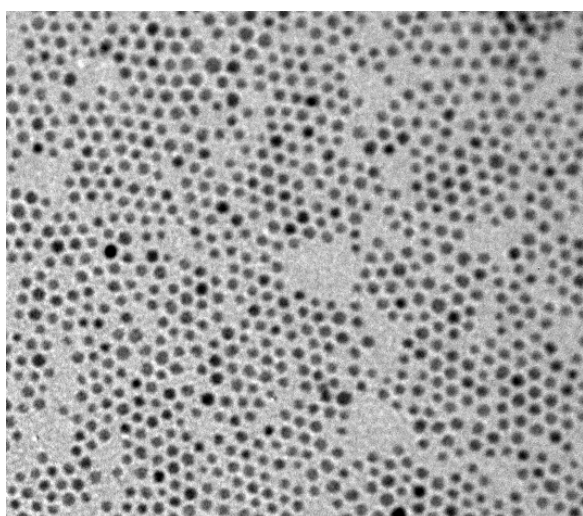
Magnetic Iron Oxide Particles in Non-Polar Solvent

Description: Magnetic Iron Oxide Particles in Non-Polar Solvent is a group of Iron Oxide Nanocrystals with oleic acid coating. Iron Oxide nanocrystals take advantage of the strong magnetic properties of Iron Oxide and incorporate them into nano-scale materials. The Iron Oxide nanocrystals we offer demonstrate excellent size and size distribution characteristics, which allow for their use in high level applications where strict control over the nanocrystals' properties and characteristics is necessary. These high quality Iron Oxide nanocrystals display exceptional magnetic properties, nearing those of the pure bulk Iron Oxide, while capable of being biofunctionalized for numerous applications.

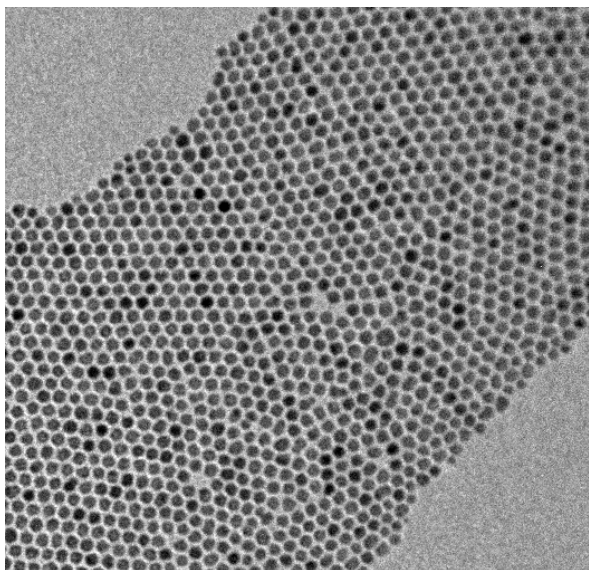
Product name:	Magnetic Iron Oxide Particles in Non-Polar Solvent
Catalog number:	O01-O03
Solvent:	Non-Polar Solvent, typically toluene
Surface ligand:	Oleic acid
Storage:	4-25 °C; Do not freeze
Shelf life:	6 months
Particle Size:	5nm、10nm、20nm

IO Size/nm	5	10	20
Size tolerance/nm	1	2	3
Size distribution	<10%	<10%	<10%
Structure	Fe ₃ O ₄	Fe ₃ O ₄	Fe ₃ O ₄

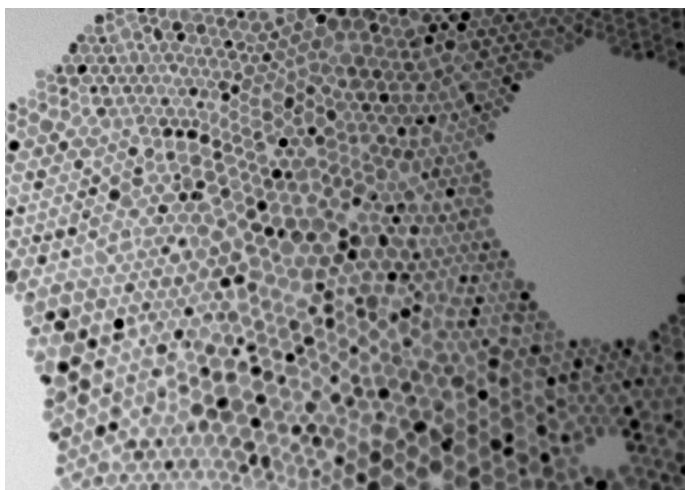
TEM image of 5nm IO nanocrystals



TEM image of 10nm IO nanocrystals



TEM image of 20nm IO nanocrystals



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Disclaimer:

There is no obligation to replace products as the result of (i)improper storage and handling of the product,(ii)use of the products in a manner not designed for,(iii)accident,disaster or event of force majeure.

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