

# Otto Chemie Pvt. Ltd.

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## Iron(III) oxide, nanopowder, ( $\alpha$ ) APS 80-100 nm, 99.9% Product Code : IO 106

PROPERTIES	
CAS	1309-37-1
Synonyms	Ferric oxide Nanoparticles
Chemical Formula	Fe <sub>2</sub> O <sub>3</sub>
Molecular Weight	159.69
Grade	Nanopowder
Purity	99.9%
Packing	Bottle / Drum
Batch No.	0069
Mfg. Date	06-Nov-2020
Retest Date	06-Nov-2025

TEST	SPECIFICATION	RESULTS
Appearance	Red brown powder	Conforms
Particles size	80-100 nm	Conforms
Fe <sub>2</sub> O <sub>3</sub>	≥ 99.9%	>99.95%
LOI	0.05%max	0.03%
Si	0.05%max	0.008%
Al	0.05%max	0.006%
Co	0.05%max	0.006%
Ni	0.05%max	0.005%
Pb	0.05%max	0.004%
Cu	0.05%max	0.002%
Mn	0.05%max	0.002%
Zn	0.05%max	0.002%

The product complies with the prescribed standards of quality



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