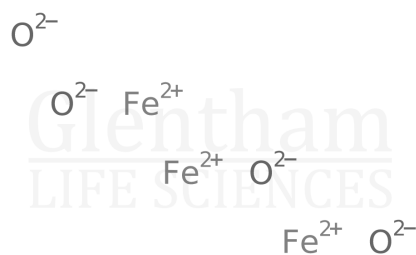


Certificate of Analysis

Product Name	Iron(II,III) oxide nanopowder (Magnetite); 98% [20 - 30 nm]
Glenthams Code	GX6555
CAS Number	1317-61-9
EINECS	215-277-5
MDL Number	MFCD00011010
Batch Number	219OAL
Molecular Weight	231.53
Molecular Formula	Fe_3O_4
Storage Temp.	+20°C



Property	Specification	Batch 219OAL
Physical Description	Dark brown to black powder	Black powder
Particle Morphology	Spherical	Spherical
Specific Surface Area	approx. 50m ² /g	50m ² /g
Average Particle Size	20 - 30 nm	20 - 30 nm
Purity (Trace Metals Basis)	≥ 98.0%	≥ 98.0%

Specification Version	v1.0
Manufacture Date	2023-03-17
Re-Test Date	2029-03-13

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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