

# CERTIFICATE OF ANALYSIS

**Product Name:** Iron(II,III)oxide powder

**CAS Number:** 1317-61-9

**Product Number:** EUNANO001

**Type:** **Fe3O4 Nanomanyet**

**Supplier:** EUNANO  
Revak LTD.  
Zafer mahallesi Buklum caddesi no 83 A  
39750 / LULEBURGAZ / KIRKLARELI / TURKEY  
Phone: +90 544 317 0526  
Web: <https://www.eunano.com.tr/en/>

## Analysis:

	Specification	Fe3O4 Nanomanyet
Identity	pass	pass
Assay	97+%	pass
APS (TEM)	20 nm	pass
SSA (BET)	40-60 m <sup>2</sup> /g	pass
pH	6-7	pass
PM	spherical	pass
Color	black	conform
Date	02/11/2020	10.11.2024

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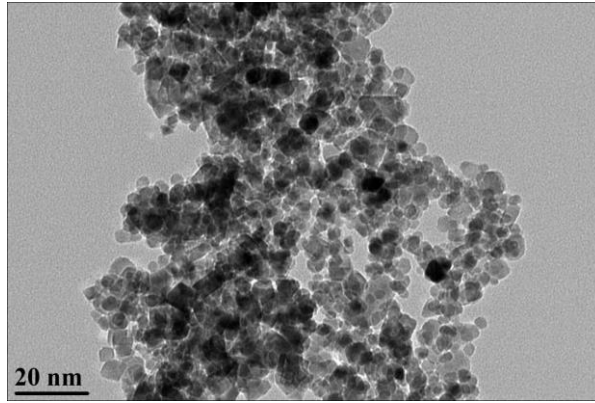
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**Type:** Fe<sub>3</sub>O<sub>4</sub> Nanomanyet

**TEM:**



Component	Unit	Result
Fe <sub>3</sub> O <sub>4</sub>	mass%	97.0000
Al <sub>2</sub> O <sub>3</sub>	mass%	0.7426
SiO <sub>2</sub>	mass%	4.3012
SO <sub>3</sub>	mass%	0.2225
C1	mass%	0.0570
K <sub>2</sub> O	mass%	0.1084
CaO	mass%	0.1406
TiO <sub>2</sub>	mass%	0.0681
Cr <sub>2</sub> O <sub>3</sub>	mass%	0.1985
MnO	mass%	0.5912
Fe <sub>2</sub> O <sub>3</sub>	mass%	93.2424
NiO	mass%	0.1339
CuO	mass%	0.1936