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## Certificate of Analysis

### General properties:

Name: Methoxy-PEG2K coating Fe<sub>3</sub>O<sub>4</sub> nanoparticles (20nm)

CAS : 1317-61-9

Cat.#: R-CJM2002-2k-20

Lot.#: RS019101

Manufacture Date: 2019.09.10

Recommended Retest date: 2020.03.09

Stability: 6 months

Storage: 4°C

Items	Specification	Results
Appearance	Black solution	Black solution
<sup>1</sup> XRD	Fe <sub>3</sub> O <sub>4</sub>	Fe <sub>3</sub> O <sub>4</sub>
Surface group		Methoxy-PEG2K
Concentration	2mg/ml	≈2mg/ml
Size	20nm	18-22nm
Dispersant	H <sub>2</sub> O	H <sub>2</sub> O

Report Date:2019.09.10

**This product is for research use only, Not for human or animal use**

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