

## Certificate of Analysis

**General properties:**Name: Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> nanoparticles

CAS : 1317-61-9

Cat.#: R-CH3002

Lot.#: 870461

Manufacture Date: 2016.05.15

Date of Analysis: 2016.05.19

Recommended Retest date: 2016.11.19

Stability: 6 months

Storage: 4°C

Items	Specification	Results
Appearance	Faint yellow solution	Faint yellow solution
<sup>1</sup> XRD	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub>	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub>
Foreign Material	None	None
Concentration	2mg/ml	2mg/ml
Size	30nm	30-32nm
Dispersant	Absolute ethyl alcohol	Absolute ethyl alcohol

Report Date: 2016.05.19

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