

## TECHNICAL DATA SHEET



**Enriching Biotechnology**

Telephone: +86 021 55809378

E-mail address: [marketing@bio-enriching.com](mailto:marketing@bio-enriching.com)

---

<b>Product code:</b>	D21
<b>Product name:</b>	EM001
<b>Surface:</b>	-SiOH
<b>Average Size:</b>	~500nm
<b>Matrix:</b>	Silicon dioxide
<b>Shape:</b>	Spherical
<b>Magnetic separation speed:</b>	10~30s
<b>Magnetic property:</b>	Superparamagnetic
<b>Magnetic content:</b>	~80%
<b>Saturation magnetization:</b>	>50emu/g
<b>Stable in:</b>	Aqueous buffers, pH 3~12, alcohol <120°C
<b>Not Stable in:</b>	Aqueous buffers, pH <3 or pH >12;
<b>Colour:</b>	Brown
<b>Additional remarks:</b>	Storage at 2~25°C. Do not freeze !
<b>Expiry Date</b>	Two years after production date
<b>Technotes:</b>	Withstand high concentration of bisulfate
<b>Application:</b>	cfDNA Purification and DNA Methylation