

## Specification Sheet

### Iron Metal Organic Framework

Stock No: NS6130-12-000892, CAS: 7439-89-6

<b>Product</b>	:	<b>Iron Metal Organic Framework</b>
Stock No.	:	NS6130-12-000892
CAS	:	7439-89-6
Purity	:	99%
APS	:	30-40 $\mu$ m
Molecular Formula	:	C <sub>18</sub> H <sub>6</sub> Fe <sub>3</sub> O <sub>12</sub>
Molecular Weight	:	604.87 g/mol
Pore Size	:	~10Å
Density	:	0.35 g/ cm <sup>3</sup>
Odor	:	Odorless
Color	:	Light green
SSA	:	~1300 m <sup>2</sup> /g (BET)
Linker	:	TPA, H <sub>2</sub> BDC, BDC (Terephthalic acid)
Application	:	Carbon dioxide and methane gas, Liquid absorption
Solubility	:	Ethanol
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time