

# Specification Sheet

## Zinc Based Metal Organic Framework

Stock No: NS6130-12-000893, CAS: 7440-66-6

<b>Product</b>	:	<b>Zinc Based Metal Organic Framework</b>
Stock No.	:	NS6130-12-000893
CAS	:	7440-66-6
Purity	:	99%
APS	:	30-40 $\mu$ m
Molecular Formula	:	C <sub>27</sub> H <sub>18</sub> Zn <sub>3</sub> O <sub>6</sub>
Molecular Weight	:	229.60 g/mol
Pore Size	:	~10Å
Density	:	0.35 g/cm <sup>3</sup>
Odor	:	Odorless
Color	:	Bluish-silver
SSA	:	~1300 m <sup>2</sup> /g (BET)
Linker	:	H3BTB (1,3,5-tris(4-carboxyphenyl)benzene)
Application	:	Gas adsorption: Carbon dioxide, nitrogen, hydrogen gas, large organic molecules
Solubility	:	Ethanol
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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