

## Specification Sheet

### MOLYBDENUM Crucibles

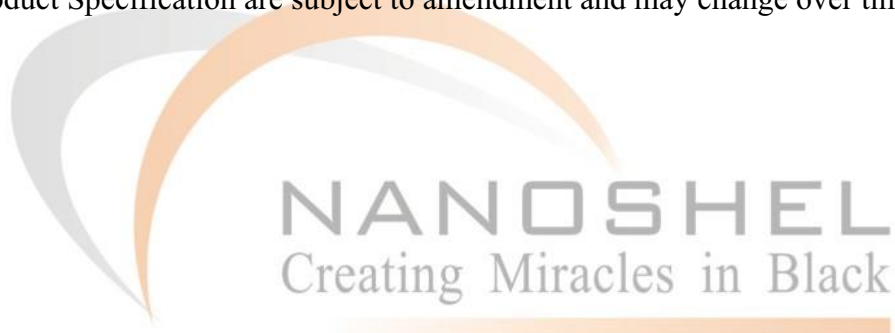
(Available Sizes 5ml – 100ml)

Stock No: NS6130-10-1254, CAS: 7439-98-7

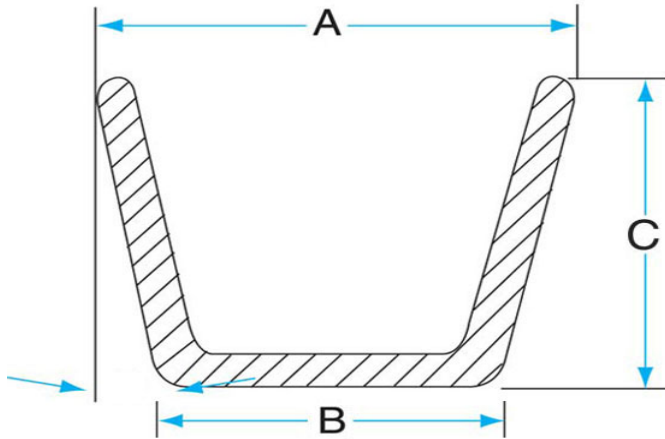
<b>Product</b>	:	<b>Molybdenum Crucible</b>
Stock No.	:	NS6130-10-1254
Purity	:	>99.9%
Capacity	:	5ml
Density	:	10.2 g/cm <sup>3</sup>
Melting Point	:	2623 °C
Boiling Point	:	4639 °C
Tensile Strength	:	687MPa
Thermal Conductivity	:	98.8W/M.K (1400°C)
Resistivity	:	53.1Ω.cm (1730°C)
Vapor pressure	:	7.09 X 10 <sup>-6</sup> Pa (1600 oC )
Thermal expansion coefficient	:	6.2 X 10 <sup>-6</sup> K <sup>-1</sup>
Lid	:	Available In All Sizes (Get Quote)
NS6130-10-1254 (A)	:	Capacity: 5ml, Top Dia: 25mm (0.98in), Bottom Dia: 15mm (0.59in), Height: 28mm (1.1in)
NS6130-10-1254 (B)	:	Capacity: 10ml, Top Dia: 29mm (1.14in), Bottom Dia: 18mm (0.71in), Height: 34mm (1.34in)
NS6130-10-1254 (C)	:	Capacity: 20ml, Top Dia: 35mm (1.38in), Bottom Dia: 24mm (0.94in), Height: 42mm (1.65in)
NS6130-10-1254 (D)	:	Capacity: 50ml, Top Dia: 48mm (1.89in), Bottom Dia: 30mm (1.18in), Height: 54mm (2.05in)

NS6130-10-1254 (E)	:	Capacity: 100ml, Top Dia: 58mm (2.28in), Bottom Dia: 35mm (1.38in), Height: 68mm (2.68in)
NS6130-10-1254 (F)	:	Capacity: 150ml, Top Dia: 66mm (2.6in), Bottom Dia: 40mm (1.57in), Height: 80mm (3.15in)
NS6130-10-1254 (G)	:	Capacity: 250ml, Top Dia: 79mm (3.11in), Bottom Dia: 42mm (1.65in), Height: 93mm (3.66in)
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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



## Characterization of MOLYBDENUM Crucibles



Metal Crucible Line Diagram



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