



VHG Labs brand Viscosity reference standards

Our viscosity standards are intended for use as certified reference materials or calibration standards for viscometric instrumentation, using ASTM Method D445 or other viscometric methods.

- Temperature measurements made in the preparation of this CRM are traceable to NIST
- Certified kinematic viscosities are determined in accordance with ASTM D445
- Certified values are based on the primary standard, water at 20°C (ITS-90), with a viscosity of 1.0034 mm²/s (cSt) as adopted by NIST, ASTM and ISO 3666
- All values are traceable to reference standards characterized by the master viscometer technique in accordance with ASTM D2162
- The uncertainty associated with each certified value represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2
- Every viscosity reference standard that we manufacture ships with a comprehensive Certificate of Analysis.

Viscosity reference standards

Product No.	Nominal viscosity at 40°C (cSt)	Nominal viscosity at 100°C (cSt)
VHG-VISC5-500	4.5	1.6
VHG-VISC10-500	10.0	2.7
VHG-VISC20-500	19	5
VHG-VISC30-500	30	5.3
VHG-VISC50-500	50	7.3
VHG-VISC60A-500	60	11.4
VHG-VISC75-500	73	9
VHG-VISC100A-500	100	16.8
VHG-VISC120-500	120	20
VHG-VISC180-500	180	26
VHG-VISC360-500	360	42
VHG-VISC500-500	500	52
VHG-VISC900-500	930	82



For further information, or if you require substances or materials not currently listed please contact one of our local sales offices.

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