



## Base number - BN reference material

The BN reference materials from VHG Labs are intended for use in the determination of Base Number (BN) in petroleum products in accordance with ASTM D2896/IP 276 (by potentiometric perchloric acid titration) or ASTM D4739 (by potentiometric titration).

Each standard is supplied with a full Certificate of Analysis (COA) stating certified values and uncertainties by both ASTM D2896 and D4739.

Use our BN reference standards as part of your internal quality control program to verify system functionality and ensure accuracy of your laboratory instrumentation.

- Manufactured, tested and certified in accordance with ASTM D2896 and ASTM D4739
- Available in 6, 10, 15, 30, 40 and 70 mg KOH/g
- Accompanied by a comprehensive Certificate of Analysis (COA)
- One year shelf life
- Stocked for prompt shipment

## BN reference materials

Part Number	Matrix	Nominal Value* (mg KOH/g)	Size(Grams)
VHG-BN-6-50G	Hydrocarbon oil	6	50
VHG-BN-10-50G	Hydrocarbon oil	10	50
VHG-BN-15-50G	Hydrocarbon oil	15	50
VHG-BN-30-50G	Hydrocarbon oil	30	50
VHG-BN-40-50G	Hydrocarbon oil	40	50
VHG-BN-70-50G	Hydrocarbon oil	70	50

\* Base number is defined as the quantity of acid, expressed as milligrams (mg) of potassium hydroxide (KOH) per gram of sample, required to titrate a sample in a specified solvent to a specified end point.

**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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