

BASE NUMBER

CERTIFIED REFERENCE MATERIALS



Industrial Base Number Certified Reference Materials 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 hydrochloric acid titration).

Use our Base Number Certified Reference Materials as part of your internal quality control program to verify system functionality and ensure accuracy of your laboratory instrumentation.

- Industrial manufactures the highest quality Certified Reference Materials using our stringent manufacturing processes, which are accredited to ISO 17034 and certified to ISO 9001
- Manufactured, tested and certified in accordance with ASTM D2896 and ASTM D4739
- Each Industrial product passes rigorous Quality Control in our laboratory accredited to ISO/IEC 17025, with concentrates requiring two independent tests to assure the highest quality
- Each product is shipped with a comprehensive Certificate of Analysis (CoA)

Industrial Acid Number Certified Reference Materials			
Nominal Value*	Size	Matrix	Product Number
6 mg KOH/g	50 g	Hydrocarbon oil	VHG-BN-6-50G
10 mg KOH/g	50 g	Hydrocarbon oil	VHG-BN-10-50G
15 mg KOH/g	50 g	Hydrocarbon oil	VHG-BN-15-50G
30 mg KOH/g	50 g	Hydrocarbon oil	VHG-BN-30-50G
40 mg KOH/g	50 g	Hydrocarbon oil	VHG-BN-40-50G
70 mg KOH/g	50 g	Hydrocarbon oil	VHG-BN-70-50G

* 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.