CERTIFICATE OF ANALYSIS

Sulfur Standard/Polysulfide Oils

Product Number: VHG-PS13M-50-250 Product: Polysulfide Standard

Lot Number: 710282817B Matrix: Mineral Oil

This calibration standard is intended for use in the determination of total sulfur in various petroleum products. It is a single element solution, that was prepared gravimetrically from high purity polysulfide oil, diluted in high purity mineral oil. The certified concentration is the mean of replicate measurements by XRF Spectrometry. The uncertainty associated with the certified concentration is ± 1% relative.

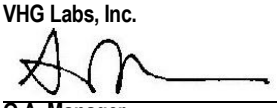
Certified Concentration (µg/g)

S 50 µg/g

Traceability: The final solution was analyzed by x-ray fluorescence spectrometry (XRF) with traceability to **NIST SRM 2724b**.

Recommendations: VHG guarantees the accuracy of this solution for **36 Months** from the certification date shown below, provided it is kept tightly capped in its original container and stored under normal laboratory conditions. Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity. We recommend that the solution is thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transfer-ware, (2) never pour used product back into the original container.

VHG Labs, Inc.



Q.A. Manager

See Exp. Date On Container
Certification Date

VHG Labs, Inc. waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

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ISO 9001
ISO Guide 34
ISO/IEC 17025
ISO/IEC 17043