CERTIFICATE OF ANALYSIS

Sulfur-Free Metallo-Organic Concentrate

Element: **Boron** Product No.: VHG-ROSFB3-25G

Certified Concentration: **2.50 wt%** Lot No.: 710476126B

This solution is intended for use as a calibration standard for X-ray fluorescence (XRF), plasma emission (ICP or DCP), or atomic absorption spectrometry (AA). The uncertainty associated with the certified concentration is ± 2.0% relative (2 sigma).

This calibration standard was prepared gravimetrically using certified reagents. The balance is calibrated regularly using mass standards that are traceable to NIST.

Recommendations: VHG guarantees the accuracy of this solution for **12 months** from the certification date shown below, provided it is kept tightly capped and stored under normal laboratory conditions. Do not refrigerate. Minimize exposure to moisture or high humidity. Do not expose to direct sunlight. Diluting to lower concentrations and combining with other elements might reduce the shelf life. Please take precautions to avoid contaminating your standards when making transfers with pipettes. When diluting this standard with highly paraffinic oils, it may be necessary to use our stabilizer solution (Product No. SF-STAB-4). For multielement standards, the compatibility and stability of the final solution depends upon the elements and concentrations. We recommend testing compatibility for each multielement blend you make. In order to determine stability, run tests over time comparing your aged standard against a freshly prepared standard.

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