Total Hydrogen

Mean Value = 5.0 PPM (ug/g)
One Sigma Deviation = +/-0.3 PPM (ug/g)
Two Sigma Deviation = +/-0.6 PPM (ug/g)
Total Range of Data = 4.4 - 5.6 PPM (ug/g)

Method of analysis:
Inert Gas Fusion, Thermal Conductivity Detection

Primary Standards Employed:
NCS NS20031, NS20025, NS20002
JSS SS-18, GS-1d

Notes
The mean analytical values were derived by a number of data sets, totalling n=40, utilizing the above mentioned method. The precision values represent the standard deviation, two times the standard deviation (k=2, 95% confidence limit), and complete range of analysis data reported.

The material used in production of this standard was sampled in accordance with ARI 032. The samples used for round robin testing were selected in accordance with ARI 014. The above values relate only to the material used to produce this standard.

Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Elemental Microanalysis Ltd be liable for incidental or consequential damages.

This is a certified reference material (CRM) and is traceable to the above-mentioned standards. For good laboratory practice it is recommended that all standards be verified before use.

Elemental Microanalysis Limited

Certified December 2008