

Alpha Resources, Inc.

Certificate Of Analysis

SULFUR & CHLORINE IN LUBE OIL STANDARD

AR-3501

LOT# 5011096

LID# 011096

WEIGHT % SULFUR = 8.111
STANDARD DEVIATION = 0.288

WEIGHT % CHLORINE = 4.825
STANDARD DEVIATION = 0.257

THE ABOVE VALUE REPRESENTS THE MEAN VALUES REPORTED TO ALPHA RESOURCES THROUGH A ROUND ROBIN PROGRAM.

METHODS:

1. ASTM D4294
2. ASTM D808

Notes:

Before use, the contents of the bottle should be mixed through vigorous shaking. The contents should not be exposed to air for a lengthy period of time.

Normal ASTM procedures should be employed when using this standard. This includes using the *reproducibility* and *repeatability* factors. Use the reproducibility factor when establishing the first set of data, and then establish an internal repeatability factor as your guideline.

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 prior to use.

The overall direction and coordination of the analytical measurements leading to certification were performed by D.M. Reasons at Alpha Resources.

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

EXPIRATION DATE
THIS CRM IS VALID FOR ONE YEAR FROM THE DATE OF PURCHASE WHICH
APPEARS ON THE BOTTLE



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