

Alpha Resources, Inc.

Certificate Of Analysis

SULFUR IN GASOLINE

AR-3006

LOT# 006212

LID# 006212

WEIGHT PERCENT SULFUR = 0.0705

STANDARD DEVIATION= 0.0035

Methods used: ASTM D 4924-10

This standard was produced gravimetrically using high purity materials with balances calibrated and checked by precision NIST traceable weights, then verified by the above mentioned test method. The precision value represents the uncertainty based on errors from analytical data provided by the above method, and weighing of raw materials at a 95% confidence level ($k=2$). When necessary, professional judgment is applied toward consideration of data and statistical information. The statistical analysis and the overall direction and coordination of the analytical measurements leading to certification were performed by K.E. Dyer technical manager, at Alpha Resources. Normal test method procedures should be employed when using this standard, this includes using the *reproducibility* and *repeatability* factors for establishing the method derived expanded uncertainty.

Notes:

The raw material used for the production of this standard was verified by ASTM D7042 and traced to NIST 1819a.

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. Keep tightly sealed and store promptly in a refrigerator.

This is a prepared, and analytically verified Certified Reference Material (CRM). For good laboratory practice it is recommended that all standards be verified prior to use. 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 OPENING

CERTIFIED February 8, 2012


Technical Manager