

Alpha Resources, Inc. Certificate Of Analysis

AR 330

#2 DIESEL OIL STANDARD

LOT # 3098

LID ID 330699

MEAN WEIGHT PERCENT CARBON	=	87.33
STANDARD DEVIATION	=	1.09
MEAN WEIGHT PERCENT HYDROGEN	=	13.33
STANDARD DEVIATION	=	0.20
MEAN WEIGHT PERCENT NITROGEN	=	0.092
STANDARD DEVIATION	=	0.005
MEAN WEIGHT PERCENT SULFUR	=	0.046
STANDARD DEVIATION	=	0.004
GROSS BTU/POUND	=	19,635
STANDARD DEVIATION	=	68

* Standard deviations reported are two sigma.

Methods

ASTM D 5291
ASTM D 4629
ASTM D 4294
ASTM D 240

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.

The statistical analysis of the certification was performed by D.M. Reasons at Alpha Resources.

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 TWO YEARS FROM THE DATE OF PURCHASE WHICH
APPEARS ON THE BOTTLE**



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