Alpha Resources, Inc. Certificate Of Analysis

AR-100

RESIDUAL OIL STANDARD

LOT #100902	LID ID#	100902	
Weight Percent Carbo	on =	85.92	
Standard Deviation	=	0.25	
Weight Percent Hydro	ogen =	12.59	
Standard Deviation	=	0.30	
Weight Percent Nitrog	gen =	0.16	
Standard Deviation	=	0.04	
Weight Percent Sulfu	• =	0.65	
Standard Deviation	=	0.04	
Gross BTU/Pound		19,125	
Standard Deviation		85	
Metho			
		7227	
ASTM D 5291 ASTM D 3227 ASTM D 4629 ASTM D 240			
ASTM D 4629	ASIM	D 240	
Notes	:		

Before use, the contents of the bottle should be mixed though 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 material used in production of this standard was sampled in accordance with ARI 031. The above values relate only to the material used to produce this standard.

The overall direction and coordination of the analytical measurements leading to certification were performed by J.R. Shingledecker 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.

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.

EXPIRATION DATE THIS CRM IS VALID FOR TWO YEARS FROM THE DATE OF PURCHASE WHICH APPEARS ON THE BOTTLE

J.R. Shingledecher

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