

# Alpha Resources, Inc. Certificate Of Analysis

#1 DIESEL OIL STANDARD

AR-2076

LOT#: CRU761292

	ASTM METHOD	TEST	RESULTS
D 1298	API		47.0
D 482	ASH (wt.%)		0.0014
D 189	CON. CARBON (wt.%)		0.025
D 976	CETANE INDEX		66.7
D 2500	CLOUD POINT (@F)		+19.6
D 97	POUR POINT (@F)		+20.0
D 2624	CONDUCTIVITY		1.0
D 4294	SULFUR (wt.%)		0.003
D 445	VISCOSITY (cs/100 @F)		2.43
D 93	FLASH (@F)		219.0
D 86	DISTILLATION (@F)		
	IBP 455	50% 490	
	5% 468	60% 495	
	10% 471.6	70% 501	
	20% 476.8	80% 508	
	30% 482.4	90% 520	
	40% 486.0	EP 549	

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.

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 OPENING

