

Alpha Resources, Inc.

Certificate Of Analysis

AR-2074				
KEROSENE STANDARD				
LOT # SUR741192		LID ID 2074		
ASTM METHOD	TEST		RESULTS	
D 1298	API		44.0	
D 482	ASH (wt.%)		<0.01	
D 189	CON. CARBON (wt.%)		<0.01	
D 976*	CETANE INDEX		41.7	
D 2500	CLOUD POINT (°C)		-60.0	
D 97	POUR POINT (°C)		-59.0	
D 2624	CONDUCTIVITY		1.0	
D 4294*	SULFUR (wt.%)		0.002	
D 445*	VISCOSITY (cs/100 °F)		1.30	
D 93	FLASH (°F)		136.0	
D 86	DISTILLATION (°F)			
	IBP	349	50%	388
	5%	360	60%	398
	10%	363	70%	409
	20%	368	80%	424
	30%	375	90%	445
	40%	381	EP	493

Notes:

The above results were derived through Alpha Resources round robin program of a minimum of 10 laboratories. The results represent the average of all laboratories. The values fall within the reproducibility of each ASTM method.

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.

D.M. Reasons at Alpha Resources performed the statistical analysis and overall direction and coordination leading to certification.

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

