

## Technical Data Sheet

Product Name: White Mineral Oil (USP Grade)

CAS-Number: 8042-47-5

Test Parameter	Specification		Test Method
	Min.	Max.	
Appearance	Clear, free form suspended mater		Visual
Odor	Odorless		-
Color (APHA, Pt-co Scale)	-	10	ASTM D1209
Heat Stability (APHA, Pt-co Scale)	-	25	-
Density @ 29.5°C (g/cm <sup>3</sup> )	0.848		ASTM D1298
Specific Gravity 25°C	0.845	0.905	ASTM D1298
K. Viscosity @40°C (mm <sup>2</sup> /s)	70	90	ASTM D445
K. Viscosity @100°C (mm <sup>2</sup> /s)	9	-	ASTM D445
Refractive Index (ND 25)	1.47	1.48	ASTM D1218
Pour Point (°C)	-	-9	ASTM D97
Flash Point (°C)	246	-	ASTM D92



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Neutralization Value (mgKOH/gm)	-	0.01	ASTM D974
Readily Carbonizable Substances	Acid does not become darker than standard color		USP38
Limit of Sulfur Compounds	No dark brown color developed		USP38
SolidPraffin	Oil is Clear to see black line		USP38
Infrared Absorption	Matches with standard spectrum		USP38
Distillation @ 10mmHg, 2.5% (°C)	280	-	ASTM D1160
Loss in Weight (24hrs @150°C) (%)	-	1.0	ASTM D6
Average Molecular Weight (g/mole)	480	-	ASTM D2502
Content of Hydrocarbons with Carbon Number less than 25 (w/w%)	-	5	ASTM D7169
Initial Boiling Point (°C)	325	-	ASTM D2887