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Material Name	Paraffin Wax	Batch No.	PW-154483
Analytical Report No		Mfg Date	February-2025
Sampled By		Exp Date	January-2030
Manufacturer	Indian Oil Corporation Ltd. (IOC)		

Parameter	Specification	Test Result	Test Method
Appearance	White pellets, free from impurities	Complies	Visual
Melting Point (°C)	58 – 60 °C	59.2 °C	ASTM D87
Oil Content (% w/w)	Max 0.5 %	0.35 %	ASTM D721
Needle Penetration @25°C (dmm)	18 – 23	20	ASTM D1321
Colour (Saybolt)	#ERROR!	29	ASTM D156
Odour	Odourless	Pass	Organoleptic
Moisture Content	Nil	Nil	ASTM D95
Ash Content (% w/w)	Max 0.01 %	<0.005 %	ASTM D482
Congealing Point (°C)	56 – 58 °C	57.1 °C	ASTM D938
Solubility	Insoluble in water	Complies	—
Flash Point (°C)	>200 °C	>210 °C	ASTM D92

Approved By

Opinion: The sample Complies with prescribed standard of quality with respect to above tests.

