

## **Multi-Parameter Standard for determination of physical properties of petroleum products**

Art. ID LM24-OP-4012534  
Unit 250 mL  
Deliverydetails ADR Limited Quantity (LQ) / AIR Dangerous Good (DG) UN1202 III E2

### Description

Validity: 24 months

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Density at 15 °C		0,83049 ± 0,00008	g/cm3	ASTM D4052 / ISO1218 5	
	Cold filter plugging point (CFPP)		(-3,0 ± 0,1)	°C	ASTM D6371 / EN 116	
	Pour Point		(-9,0 ± 0,1)	°C	ASTM D97 / EN ISO301 6	
	Kinematic Viscosity at 40 °C		2,917 ± 0,003	mm2/s	ASTM D445 / EN ISO31 04	
	Dynamic Viscosity		2,372 ± 0,003	mPa.s	calculatio n	
	Flash point		62,5 ± 0,1	°C	ASTM D93 / EN ISO271 9	
	Cloud point (CP)		(-1,6 ± 0,1)	°C	ASTM D2500 / ISO 301 5	
Distillation characteristics	Initial Boiling Point (IBP)		168,16 ± 0,73	°C		
Distillation characteristics	5% v/v recovered		203,98 ± 0,38	°C		
Distillation characteristics	10% v/v recovered		215,91 ± 0,34	°C		
Distillation characteristics	20% v/v recovered		231,37 ± 0,36	°C		
Distillation characteristics	30% v/v recovered		244,05 ± 0,37	°C		

Distillation characteristics	40% v/v recovered	256,52 ± 0,40	°C
Distillation characteristics	50% v/v recovered	269,83 ± 0,37	°C
Distillation characteristics	60% v/v recovered	284,75 ± 0,39	°C
Distillation characteristics	70% v/v recovered	300,74 ± 0,64	°C
Distillation characteristics	80% v/v recovered	319,62 ± 0,52	°C
Distillation characteristics	90% v/v recovered	344,33 ± 0,71	°C
Distillation characteristics	95% v/v recovered	364,61 ± 1,28	°C
Distillation characteristics	Final Boiling Point (FBP)	367,66 ± 1,18	°C