

ISO 17034 Certified Reference Materials (CRMs)



Paragon Scientific's range of Certified Reference Materials has now been extended to include the world's-first range of ISO 17034 Diesel, Jet Aviation Fuel, Gasoline and Lubricant Certified Reference Materials. This range of Certified Reference Materials is premium level, certified and manufactured in strict accordance and compliance with ISO 17034 under our UKAS accreditation. They provide high traceability verification options for laboratory instruments, with their values certified to the highest level of accreditation integrity available globally.

Key benefits include:

- Fully certified in accordance with ISO 17034 under our accreditation by UKAS
- Highest level of accreditation guarantee, providing the most credible certified data currently available world-wide
- Low levels of uncertainty achieves maximum accuracy of data
- All data generated exclusively by ISO 17025 accredited laboratories
- Fully traceable to international standards
- Supplied in tamper evident UN compliant security pack
- 12 month shelf life
- Available from stock for immediate dispatch
- Manufactured in the United Kingdom
- Supplied with the latest EU fully compliant SDS which are available in 24 languages

PART NUMBER	TEST TYPE	TEST METHOD	PRODUCT NATURE	CERTIFIED VALUE	PACK SIZE
CRMU-CFGO1	Cold Filter Plugging Point	CFPP ASTM D6371; IP 309	Diesel	-16.0 °C	250 mL
CRMU-CFGO	Cold Filter Plugging Point	CFPP ASTM D6371; IP 309	Diesel	-21.7 °C	250 mL
CRMU-CPGO	Cloud Point	Cloud Point ASTM D2500; ISO 3015; IP 219	Diesel	-7.6 °C	250 mL
CRMU-DEGA	Density	ASTM D4052; IP 365 / ISO 12185	Gasoline	0.73701 g/mL @ 15 °C	250 mL
CRMU-DEGO	Density	ASTM D4052; IP 365 / ISO 12185	Diesel	0.83418 g/mL @ 15 °C	250 mL
CRMU-DEKR	Density	ASTM D4052; IP 365 / ISO 12185	Jet Aviation Fuel	0.79684 g/mL @ 15 °C	250 mL
CRMU-DELU	Density	ASTM D4052; ISO 12185	Lubricant	0.86787 g/mL @ 15 °C	250 mL
CRMU-DIGA	Distillation	Distillation ASTM D86; NF EN ISO 3405	Gasoline	30.0 °C – 205.5 °C	250 mL
CRMU-DIGO	Distillation	Distillation ASTM D86; NF EN ISO 3405	Diesel	167.2 °C – 363.9 °C	250 mL
CRMU-DIKR	Distillation	ASTM D86 Atmospheric Distillation	Jet Aviation Fuel	164.3 °C – 264.9 °C	250 mL
CRMU-SUKR	Element/Chemical	Mercaptan Sulphur Content ASTM D3227; ISO 3012	Jet Aviation Fuel	7.4 mg/kg	250 mL
CRMU-PMLU	Flash Point	PMCC ASTM D93 Procedure B	Lubricant	192.4 °C	250 mL
CRMU-PMLUB	Flash Point	PMCC ASTM D93 Procedure B	Lubricant	101.5 °C	250 mL
CRMU-PMGO	Flash Point	PMCC ASTM D93 Procedure A	Diesel	61.2 °C	250 mL
CRMU-TAKR	Flash Point	ASTM D56, TAG Flash Point	Jet Aviation Fuel	40.1 °C	250 mL
CRMU-FCLU	Flash Point	COC ASTM D92	Lubricant	257.5 °C	250 mL
CRMU-ABKR	Flash Point	IP 170, Abel Flash Point	Jet Aviation Fuel	40.3 °C	250 mL
CRMU-FRKR	Freezing Point	ASTM D2386	Jet Aviation Fuel	-53.0 °C	250 mL
CRMU-ADKR	Fuels Testing	Acidity ASTM D3242	Jet Aviation Fuel	0.0067 mg KOH/g	250 mL
CRMU-FIKR	Fuels Testing	FIA Aromatics ASTM D1319	Jet Aviation Fuel	17.89 % Vol.	250 mL
CRMU-APKR	Fuels Testing	Aniline Point, ASTM D611	Jet Aviation	58.48 °C	250 mL
CRMU-SPKR	Fuels Testing	Smoke Point, ASTM D1322	Jet Aviation	23.50 mm	250 mL
CRMU-PPLU	Pour Point	IP 15, ASTM D97, ISO 3016, BS 2000, Pt 15	Lubricant	-13.0 °C	250 mL
CRMU-PPLU1	Pour Point	IP 15, ASTM D97, ISO 3016, BS 2000, Pt 15	Lubricant	-30.4 °C	250 mL
CRMU-PPGO	Pour Point	IP 15, ASTM D97, ISO 3016, BS 2000, Pt 15	Diesel	29.9 °C	250 mL