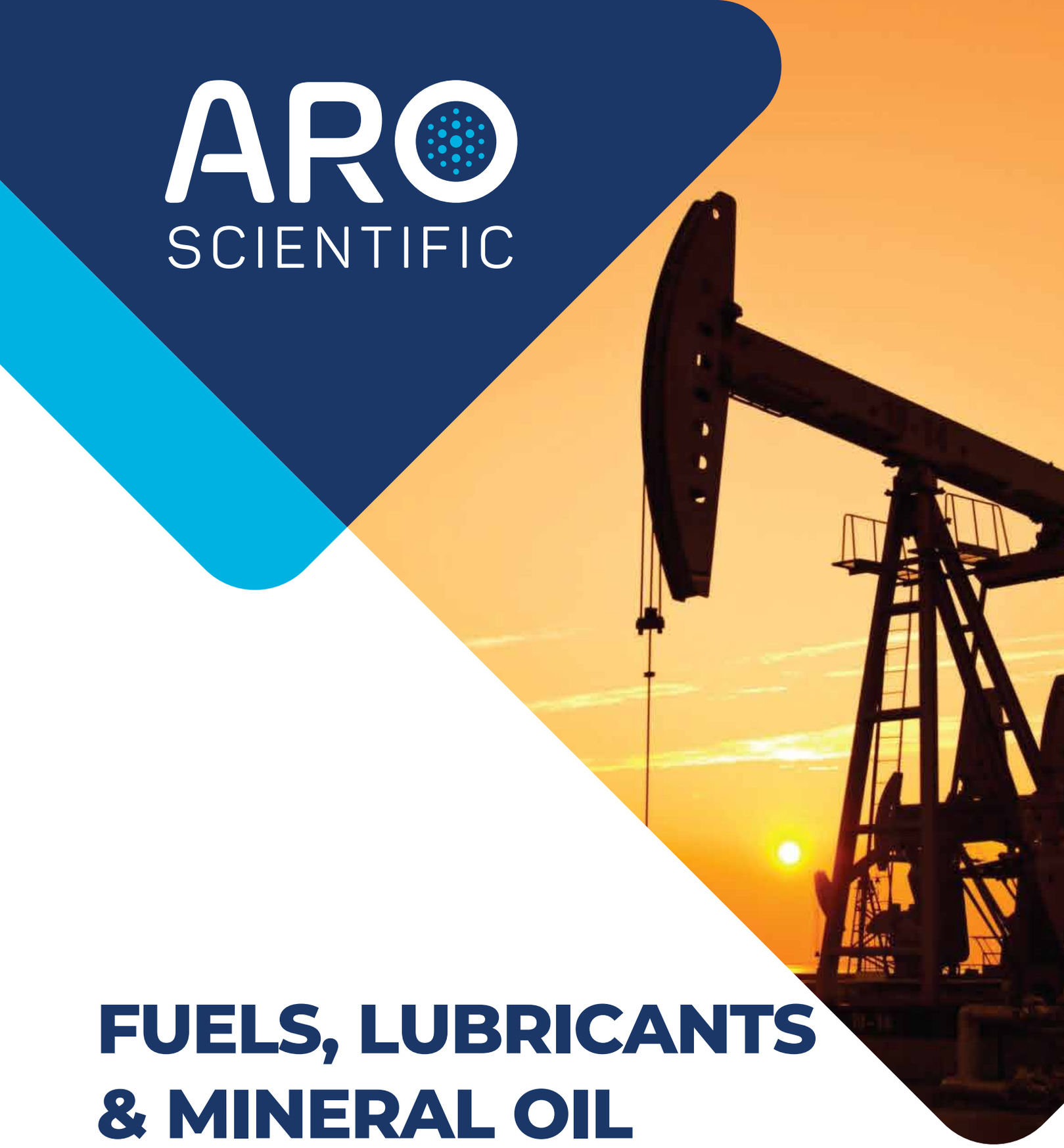
ARO SCIENTIFIC



FUELS, LUBRICANTS & MINERAL OIL

CERTIFIED REFERENCE MATERIALS

Precision. Accuracy. Measurement Certainty

ARO Scientific Ltd

ARO Scientific Ltd is an independent ISO 17034 accredited reference material producer with ISO/IEC 17025 accredited testing laboratories, providing high quality certified reference materials, reference materials, standards, and consumables for calibration of measuring equipment, verification of measuring equipment, method validation, method verification, or other quality control processes applicable for international test methods such as ASTM, IP, ISO, etc. Our management team has more than 35 years' experience in the manufacturing, characterisation and certification of certified reference materials, reference materials, standards, and consumables.

Accreditation

ARO Scientific Ltd holds dual accreditation status under The United Kingdom Accreditation Service (UKAS) to international standards ISO/IEC 17025 and ISO 17034, CAB No. 27393. The United Kingdom Accreditation Service (UKAS) is the sole national accreditation body recognised by the UK Government for certification and conformity to internationally agreed standards for testing, calibration and inspection. UKAS is a signatory to International Laboratory Accreditation Cooperation (ILAC) which is the international body for promoting cooperation between the various inspection body accreditation schemes that operate throughout the world. Other signatories include, but are not limited to, A2LA (USA), COFRAC (France), Dakks (Germany) and JAB (Japan). ISO 17025 / ISO 17034 accreditation denotes competence for customers to make an informed and confident choice in the procurement process.

The UKAS mark ensures buyers have peace of mind. ILAC also bridges international barriers, making trade easier, especially in new growth markets. Our Combined UKAS and ILAC-MRA Mark demonstrates that the accreditation we hold is recognised under the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement, our certificates are accepted around the world.

Quality Commitment

ARO Scientific Ltd recognises that our customers should be always provided with products and services they can reply upon, trust and have confidence to use on a daily basis. Our commitment to quality and our accreditations demonstrates that we have rigorous quality systems in place that allow us to provide customers with the highest quality products possible, which are accepted globally.

UKAS REFERENCE MATERIALS 27393

UKAS TESTING 27393

ARO SCIENTIFIC LTD
Unit 1 Bridgeway Business Park,
Ditton Road Widnes, WA8 0QE. UK

+44 (0)151 424 2828
info@aroscientific.com
www.aroscientific.com

CERTIFIED REFERENCE MATERIALS

ISO 17034 Diesel, Jet Aviation Fuel, Gasoline, Lubricant and Mineral Oil Certified Reference Mateerials are intended to be used for calibration or verification of measuring equipment, method validation, method verification, or other quality control processes applicable for analysing fuels and lubricants. These certified reference materials have been manufactured and characterised in accordance with ARO's accreditation to ISO 17034, UKAS CAB No. 27393.

Key benefits include:

- Manufactured and Characterised to ISO 17034
- Highest level of accreditation guarantee, providing the most credible certified data available worldwide
- Characterisation using data by ISO/IEC 17025 accredited laboratories
- Fully traceable to international standards
- Manufactured in the United Kingdom by ARO Scientific Ltd
- Supplied in tamper-evident UN compliant packaging, providing assurance of sample integrity
- 12 month shelf life
- In stock for same day dispatch

Part No.	Test Type	Test Method	Matrix	Nominal Value	Pack Size
CRM-CPGO01	Cloud Point	ASTM D2500; ISO 3015; IP 219	Diesel	-5 °C	250 mL
CRM-CFGO01	Cold Filter Plugging Point	ASTM D6371; IP 309	Diesel	-15 °C	250 mL
CRM-DEGA01	Density	ASTM D4052; IP 365 / ISO 12185	Gasoline	0.7495 g/mL	250 mL
CRM-DEGO01	Density	ASTM D4052; IP 365 / ISO 12185	Diesel	0.8280 g/mL	250 mL
CRM-DEKR01	Density	ASTM D4052; IP 365 / ISO 12185	Jet A1	0.8014 g/mL	250 mL
CRM-DELU01	Density	ASTM D4052; IP 365 / ISO 12185	Lubricant	0.8650 g/mL	250 mL
CRM-DIGA01	Distillation	ASTM D86; EN ISO 3405	Gasoline	25 °C to 200 °C	250 mL
CRM-DIGO01	Distillation	ASTM D86; EN ISO 3405	Diesel	160 °C to 360 °C	250 mL
CRM-DIKR01	Distillation	ASTM D86; EN ISO 3405	Jet A1	150 °C to 260 °C	250 mL
CRM-ABKR01	Flash Point, Abel	IP 170	Jet A1	40 °C	250 mL
CRM-FCLU01	Flash Point, COC	ASTM D92	Lubricant	260 °C	250 mL
CRM-COC10	Flash Point, COC	ASTM D92	Mineral Oil	85 °C	3x80 mL
CRM-COC20	Flash Point, COC	ASTM D92	Mineral Oil	125 °C	3x80 mL
CRM-COC30	Flash Point, COC	ASTM D92	Mineral Oil	160 °C	3x80 mL
CRM-COC40	Flash Point, COC	ASTM D92	Mineral Oil	250 °C	3x80 mL
CRM-PMGO01	Flash Point, PMCC A	ASTM D93 Procedure A	Diesel	60 °C	250 mL
CRM-FCLU01	Flash Point, PMCC B	ASTM D93 Procedure B	Lubricant	105 °C	250 mL
CRM-PMCC10	Flash Point, PMCC A	ASTM D93 Procedure A	Mineral Oil	80 °C	3x80 mL
CRM-PMCC20	Flash Point, PMCC A	ASTM D93 Procedure A	Mineral Oil	105 °C	3x80 mL
CRM-PMCC30	Flash Point, PMCC A	ASTM D93 Procedure A	Mineral Oil	140 °C	3x80 mL
CRM-PMCC40	Flash Point, PMCC A	ASTM D93 Procedure A	Mineral Oil	230 °C	3x80 mL
CRM-FRKR01	Freezing Point	ASTM D2386	Jet A1	-56 °C	250 mL
CRM-PPGO01	Pour Point	IP 15, ASTM D97, ISO 3016	Diesel	-15 °C	250 mL
CRM-PPLU01	Pour Point	IP 15, ASTM D97, ISO 3016	Lubricant	-15 °C	250 mL
CRM-SPKR01	Smoke Point, Automatic	ASTM D1322	Jet A1	24 mm	250 mL

Nominal values are for reference only. Please refer to our website, for certified values of current batches.

ARO SCIENTIFIC LTD
Unit 1 Bridgeway Business Park,
Ditton Road Widnes, WA8 0QE. UK

+44 (0)151 424 2828
info@aroscientific.com
www.aroscientific.com