

Colour Standards

These Standards are ideal for the calibration or verification of colour measuring instruments, ensuring good inter-laboratory or inter-instrument correlation.

The range of liquid standards includes AOCS-Tintometer, ASTM, Gardner, Lovibond RYBN, Pt-Co and Saybolt Colour, the key colour scales applied to oils, fuels and chemicals. They are supplied with full traceability to internationally recognised standards, either UKAS to ISO 17025 (ASTM, Gardner & Saybolt Colour) or the ISO 9001 quality system (AOCS-Tintometer, Lovibond RYBN and Pt-Co Colour). All standards are certified according to ISO Guide 34 under UKAS accreditation.

Lovibond colour reference standards are manufactured by Paragon Scientific Ltd, certified according to ISO Guide 34 under UKAS accreditation and certified by The Tintometer Limited.

AOCS-Tintometer Colour Reference Standards

- ISO Guide 34 certified under UKAS
- Certified under ISO 9001 Quality system
- Full traceability to international standards
- 500mL Pack Size supplied with MSDS
- 1 year shelf life
- Tamper evident security packaging
- Manufactured in the United Kingdom

AOCS-Tintometer Colour Reference Standards

Product Code	Colour Scale	Nominal Value	Accreditation
134240	AOCS-Tintometer Colour	0.3R 1.7Y (5 ¹ / ₄ "	ISO 9001
134250	AOCS-Tintometer Colour	1.3R 8.8Y (5 ¹ / ₄ "	ISO 9001
134260	AOCS-Tintometer Colour	1.7R 12Y (5 ¹ / ₄ "	ISO 9001
134270	AOCS-Tintometer Colour	3.0R 22Y (5 ¹ / ₄ "	ISO 9001

Please check website for up-to-date information



ASTM (ASTM D 6045, D 1500) Colour Reference Standards

- Certified according to ISO 17025 / ISO Guide 34 under UKAS accreditation
- Full traceability to international standards
- 500mL Pack Size supplied with MSDS
- 18 month shelf life
- Tamper evident security packaging
- Manufactured in the United Kingdom

ASTM Colour (ASTM D 6045, D 1500) Colour Reference Standards

Product Code	Colour Scale	Nominal Value	Accreditation
134290	ASTM Colour	<0.5	UKAS ISO 17025
134000	ASTM Colour	1	UKAS ISO 17025
134010	ASTM Colour	3	UKAS ISO 17025
134020	ASTM Colour	5	UKAS ISO 17025
134030	ASTM Colour	7	UKAS ISO 17025

Please check website for up-to-date information

Gardner (ASTM D 1544, D 6166) Colour Reference Standards

- Certified according to ISO 17025 / ISO Guide 34 under UKAS accreditation
- Full traceability to international standards
- 500mL Pack Size supplied with MSDS
- 18 month shelf life
- Tamper evident security packaging
- Manufactured in the United Kingdom

Gardner (ASTM D 1544, D 6166) Colour Reference Standards

Product Code	Colour Scale	Nominal Value	Accreditation
134200	Gardner Colour	2	UKAS ISO 17025
134210	Gardner Colour	5	UKAS ISO 17025
134220	Gardner Colour	8	UKAS ISO 17025
133860	Gardner Colour	11	UKAS ISO 17025
133880	Gardner Colour	14	UKAS ISO 17025
133870	Gardner Colour	17	UKAS ISO 17025

Please check website for up-to-date information

Lovibond RYBN Colour Reference Standards

- ISO Guide 34 certified under UKAS
- Certified under ISO 9001 Quality system
- Full traceability to international standards
- 500mL Pack Size supplied with MSDS
- 1 year shelf life
- Tamper evident security packaging
- Manufactured in the United Kingdom

Lovibond RYBN Colour Reference Standards

Product Code	Colour Scale	Nominal Value	Accreditation
134080	Lovibond RYBN Colour	0.4R 1.9Y 0.1N (5 ¹ / ₄ "	ISO 9001
134090	Lovibond RYBN Colour	1.0R 4.3Y 0.1N (5 ¹ / ₄ "	ISO 9001
134100	Lovibond RYBN Colour	1.4R 7.3Y 0.2 N (5 ¹ / ₄ "	ISO 9001
134110	Lovibond RYBN Colour	1.8R 11.0Y 0.1N (5 ¹ / ₄ "	ISO 9001
134120	Lovibond RYBN Colour	2.0R 14.0Y 0.1N (5 ¹ / ₄ "	ISO 9001
134130	Lovibond RYBN Colour	2.9R 22.0Y 0.5N (5 ¹ / ₄ "	ISO 9001

Please check website for up-to-date information

Pt-Co/Hazen/APHA (ASTM D 1209) Colour Reference Standards

- ISO Guide 34 certified under UKAS
- Certified under ISO 9001 Quality system
- Full traceability to international standards
- 500mL Pack Size supplied with MSDS
- 1 year shelf life
- Tamper evident security packaging
- Manufactured in the United Kingdom

Pt-Co/Hazen/APHA Colour (ASTM D 1209) Colour Reference Standards

Product Code	Colour Scale	Nominal Value	Accreditation
134140	Pt-Co/Hazen/APHA Colour	5	ISO 9001
134150	Pt-Co/Hazen/APHA Colour	10	ISO 9001
134160	Pt-Co/Hazen/APHA Colour	15	ISO 9001
134170	Pt-Co/Hazen/APHA Colour	30	ISO 9001
134180	Pt-Co/Hazen/APHA Colour	50	ISO 9001
134190	Pt-Co/Hazen/APHA Colour	100	ISO 9001
462803	Pt-Co/Hazen/APHA Colour	500 (stock solution)	ISO 9001

Please check website for up-to-date information

Saybolt (ASTM D 6045, D 156) Colour Reference Standards

- Certified according to ISO 17025 / ISO Guide 34 under UKAS accreditation
- Full traceability to international standards
- 500mL Pack Size supplied with MSDS
- 18 month shelf life
- Tamper evident security packaging
- Manufactured in the United Kingdom

Saybolt Colour (ASTM D 6045, D 156) Colour Reference Standards

Product Code	Colour Scale	Nominal Value	Accreditation
134040	Saybolt Colour	-10	UKAS ISO 17025
134050	Saybolt Colour	0	UKAS ISO 17025
134060	Saybolt Colour	12	UKAS ISO 17025
134070	Saybolt Colour	25	UKAS ISO 17025

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