

Colour Standards



Summary of Features & Benefits:

Commercial Benefits

- For use as calibration and/or quality control standards
- Presented in high quality tamper evident bottles
- Customised standards available
- Various pack sizes available
- Ready to Use

Technical Benefits

- Produced in accordance with ASTM (D1500, D6045, D1209) APHA, ACS, EP & USP methods
- Consistency of product - Independent, Traceable, Certified
- Certificates of Analysis and Safety Data Sheets available online

Reagecon manufactures the full range of ASTM, Saybolt, Platinum-Cobalt, Gardner, European Pharmacopeia and United States Pharmacopeia Colour Standards for use with ASTM, APHA, ACS, European and United States Pharmacopeia standard methods. The ASTM standard methods include D1500, D6045 and D1209. The products can be used to calibrate, control, qualify and validate colour measurement instruments.

The products range from:

- ASTM Colour Standard Sample A05- A7
- Saybolt Colour Standards S+30 to S-15
- Platinum-Cobalt Scale No. 0 - No. 1000
- Gardner Colour Standards GARD02-GARD18
- European Pharmacopeia Standards (Opalescence, Primary and Standard Solutions)

These products are prepared gravimetrically on a weight/weight basis. Both solute and solvent are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for calibration of laboratory balances (INAB Ref:265C). The resulting Balance Certificate of Calibration is issued in accordance with the requirements of ISO/IEC 17025. The concentration of each standard is verified using a high performance top of the range calibrated spectrophotometer. The calibration of the spectrophotometer is controlled using high purity ISO 17034 accredited spectrophotometric standards.



ASTM Colour Standards

Description	Product No. 100ml	Product No. 500ml
ASTM Colour Standard less than 0.5	ASTMA051	ASTMA055
ASTM Colour Standard A1	ASTMA101	ASTMA105
ASTM Colour Standard A3	ASTMA301	ASTMA305
ASTM Colour Standard A5	ASTMA501	ASTMA505
ASTM Colour Standard A7	ASTMA701	ASTMA705

Saybolt Colour Standards

Description	Product No. 100ml	Product No. 500ml
Colour Standard Saybolt +30	SAYP301	SAYP305
Colour Standard Saybolt +25	SAYP251	SAYP255
Colour Standard Saybolt +19	SAYP191	SAYP195
Colour Standard Saybolt +15	SAYP151	SAYP155
Colour Standard Saybolt +12	SAYP121	SAYP125
Colour Standard Saybolt +0	SAYP01	SAYP05
Colour Standard Saybolt -10	SAYN101	SAYN105
Colour Standard Saybolt -15	SAYN151	SAYN155

Standard Solutions

Product No.	Description	Pack Size
EP703	European Pharmacopoeia Standard Solution B (Brown)	125ml
EP704	European Pharmacopoeia Standard Solution BY (Brownish Yellow)	125ml
EP705	European Pharmacopoeia Standard Solution GY (Greenish Yellow)	125ml
EP706	European Pharmacopoeia Standard Solution Y (Yellow)	125ml
EP707	European Pharmacopoeia Standard Solution R (Red)	125ml

Reagents as Outlined in Chapter 2 of European Pharmacopoeia

Product No.	Description	Pack Size
EPPOS01	European Pharmacopoeia Reagent Primary Opalescence Suspension	100ml

Platinum-Cobalt Colour Standards* (Hazen)

Product No.	Description	Pack Size
HAZ0	Colour Standard Platinum Cobalt 0 (0 Hazen units)	1L
HAZ5	Colour Standard Platinum Cobalt 5 (5 Hazen units)	1L
HAZ10	Colour Standard Platinum Cobalt 10 (10 Hazen units)	1L
HAZ15	Colour Standard Platinum Cobalt 15 (15 Hazen units)	1L
HAZ20	Colour Standard Platinum Cobalt 20 (20 Hazen units)	1L
HAZ25	Colour Standard Platinum Cobalt 25 (25 Hazen units)	1L
HAZ30	Colour Standard Platinum Cobalt 30 (30 Hazen units)	1L
HAZ40	Colour Standard Platinum 40 (40 Hazen units)	1L
HAZ50	Colour Standard Platinum Cobalt 50 (50 Hazen units)	1L
HAZ505	Colour Standard Platinum Cobalt 50 (50 Hazen units)	5L
HAZ80	Colour Standard Platinum Cobalt 80 (80 Hazen units)	1L
HAZ100	Colour Standard Platinum Cobalt 100 (100 Hazen units)	1L
HAZ1005	Colour Standard Platinum Cobalt 100 (100 Hazen units)	5L
HAZ150	Colour Standard Platinum Cobalt 150 (150 Hazen units)	1L
HAZ1505	Colour Standard Platinum Cobalt 150 (150 Hazen units)	5L
HAZ200	Colour Standard Platinum Cobalt 200 (200 Hazen units)	1L
HAZ2005	Colour Standard Platinum Cobalt 200 (200 Hazen units)	5L
HAZ250	Colour Standard Platinum Cobalt 250 (250 Hazen units)	1L
HAZ400	Colour Standard Platinum Cobalt 400 (400 Hazen units)	1L
HAZ500-500ml	Colour Standard Platinum Cobalt 500 (500 Hazen units)	500ml
HAZ500	Colour Standard Platinum Cobalt 500 (500 Hazen units)	1L
HAZ5005	Colour Standard Platinum Cobalt 500 (500 Hazen units)	5L
HAZ1000	Colour Standard Platinum Cobalt 1000 (1000 Hazen units)	1L

* Standards with intermediate Platinum-Cobalt values are available on request

USP (631) Colour Standard

Product No.	Description	Pack Size
USPCS101	Colour Standard USP (631) Cupric Sulfate CS	100ml
USPCS102	Colour Standard USP (631) Ferric Chloride CS	100ml
USPCS103	Colour Standard USP (631) Cobaltous Chloride CS	100ml

Gardner Colour Standards**

Product No.	Description	Pack Size
GARD011	Colour Standard Gardner 1	100ml
GARD021	Colour Standard Gardner 2	100ml
GARD02	Colour Standard Gardner 2	500ml
GARD031	Colour Standard Gardner 3	100ml
GARD041	Colour Standard Gardner 4	100ml
GARD04	Colour Standard Gardner 4	500ml
GARD051	Colour Standard Gardner 5	100ml
GARD061	Colour Standard Gardner 6	100ml
GARD06	Colour Standard Gardner 6	500ml
GARD071	Colour Standard Gardner 7	100ml
GARD081	Colour Standard Gardner 8	100ml
GARD08	Colour Standard Gardner 8	500ml
GARD091	Colour Standard Gardner 9	100ml
GARD101	Colour Standard Gardner 10	100ml
GARD10	Colour Standard Gardner 10	500ml
GARD111	Colour Standard Gardner 11	100ml
GARD121	Colour Standard Gardner 12	100ml
GARD12	Colour Standard Gardner 12	500ml
GARD131	Colour Standard Gardner 13	100ml
GARD141	Colour Standard Gardner 14	100ml
GARD14	Colour Standard Gardner 14	500ml
GARD151	Colour Standard Gardner 15	100ml
GARD161	Colour Standard Gardner 16	100ml
GARD16	Colour Standard Gardner 16	500ml
GARD171	Colour Standard Gardner 17	100ml
GARD181	Colour Standard Gardner 18	100ml

** Standards with intermediate Gardner values are available on request

Colouration - Primary Solutions

Product No.	Description	Pack Size
EPBS01	European Pharmacopoeia Reagent Coloration - Primary Solution Blue	100ml
EPRS01	European Pharmacopoeia Reagent Coloration - Primary Solution Red	100ml
EPYS01	European Pharmacopoeia Reagent Coloration - Primary Solution Yellow	100ml