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Laboratory Supply Solutions

Conductivity CRMs	3
pH Buffer CRMs	4-6
Sucrose in Water (Brix) CRMs	7
Osmolality Standards	8
Total Organic Carbon (TOC) Standards	9-10
Pharmacopoeia Standards & Reagents	11

# About Reagecon

Reagecon, part of the Calibre Scientific Group of companies is one of the largest producers of Physical and Chemical Standards. The company is based in an 8,000 sq. metre facility that includes a large suite of manufacturing, Quality Control and Research and Development laboratories in Shannon, Ireland (EU). Reagecon employs 100 people, 50% are chemistry or science graduates and most are involved in the Development, Production, Testing, Quality Control and Sales & Marketing of over 6,000 product references that we currently produce. We have a very active R&D programme and develop and bring to market many hundreds of new standards, every year.

All Reagecon manufactured products are underpinned by and demonstrate our position as a centre of excellence in the science of Metrology. Product is manufactured, tested, and certified under the applicable ISO/IEC 17025 (A2LA Ref: 6739.03) or ISO/IEC 17034 (A2LA Ref: 6739.01) accreditation or ISO/IEC 17025 (A2LA Ref: 6739.02) for Calibration, in one of our 20 specially equipped laboratories.

The resulting product is classified within one of 54 product families, these families are then grouped and promoted under 7 main product headings, as listed below:-

- ✓ Electrochemistry Standards
- ✓ Cation and Anion Standards
- ✓ Pharmacopoeia Reagents and Standards
- ✓ Physicochemical Standards
- ✓ Total Organic and Inorganic Carbon Standards
- ✓ Volumetric Solutions for Titration
- ✓ Customised Standards and Reagents

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# Conductivity Standards

## ISO 17034 Certified Reference Materials

Reagecon manufacture a range of Conductivity Certified Reference Materials (CRMs), which are produced and certified in accordance with the requirements of ISO 17034.

Our ISO 17034 Conductivity CRM range covers 20  $\mu\text{S}/\text{cm}$  to 10,000  $\mu\text{S}/\text{cm}$  and are accurate to a specification of  $\pm 1\%$ .

Reagecon's Conductivity CRM offering is enhanced by our existing range of ISO 17025 Conductivity Standards from 1.3  $\mu\text{S}/\text{cm}$  to 500,000  $\mu\text{S}/\text{cm}$ .

Both our ISO 17034 Conductivity CRMs and ISO 17025 Conductivity Standards are tested using accredited test methods ISO 17034 (20  $\mu\text{S}/\text{cm}$  to 10,000  $\mu\text{S}/\text{cm}$ ) and ISO 17025 (1.3  $\mu\text{S}/\text{cm}$  to 500,000  $\mu\text{S}/\text{cm}$ ).



### Conductivity Standards at 25°C ISO 17034 Certified Reference Materials (CRMs)

- ✓ Manufactured and certified in accordance with the requirements of ISO 17034
- ✓ All directly traceable to NIST standard reference materials. Products meet the specification requirements of all the major Pharmacopoeias
- ✓ Accurate to  $\pm 1\%$   $\mu\text{S}/\text{cm}$  of target value
- ✓ Aqueous based, thereby eliminating any errors attributable to matrix mismatch.
- ✓ Low temperature coefficient of variation, reduces measurement errors.
- ✓ Manufactured to exacting specifications with an extended shelf life and stability, even after opening the bottle.
- ✓ No shipping, storage or disposal issues
- ✓ Consistency of product – Independent, Traceable, Certified
- ✓ Certification Reports and Safety Data Sheets available online

Order No.	Manuf Prod. No.	Description	UoM
4695194	CRMCSKC20	Conductivity Standard 20 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695198	CRMCSKC50	Conductivity Standard 50 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695201	CRMCSKC84	Conductivity Standard 84 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695190	CRMCSKC100	Conductivity Standard 100 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695193	CRMCSKCS	Conductivity Standard 147 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695195	CRMCSKC200	Conductivity Standard 200 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695199	CRMCSKC500	Conductivity Standard 500 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695191	CRMCSKC1000	Conductivity Standard 1000 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695192	CRMCSKCL	Conductivity Standard 1413 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695196	CRMCSKC2M	Conductivity Standard 2000 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695197	CRMCSKC3M	Conductivity Standard 3000 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695200	CRMCSKC5M	Conductivity Standard 5000 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml
4695189	CRMCSKC10M	Conductivity Standard 10,000 $\mu\text{S}/\text{cm}$ $\pm 1\%$ at 25°C	500ml

# pH Buffer Standards

## ISO 17034 Certified Reference Materials



Reagecon produce a range of pH Buffer Certified Reference Materials (CRMs), which are manufactured and certified in accordance with the requirements of ISO 17034.

Our ISO 17034 pH Buffer CRMs range covers pH 1.697 to pH 12.00 inclusive.

Reagecon's ISO 17034 pH Buffer CRMs are complemented by our existing offering of ISO 17025 pH Buffer Solutions covering the full range of pH values from

- ✓ Laboratory Grade Buffers, pH range 1-13
- ✓ Colour Coded Buffers for Calibration pH 4, 7, 10
- ✓ Professional Range (Technical, NIST/DIN & High Resolution Buffers)
- ✓ Low Ionic Strength Buffers
- ✓ Borax Free
- ✓ pH Buffer Capsules
- ✓ Various packaging options for ease of use e.g. Colour Coded, Twin Neck Bottle and Bag-in Box

Both our ISO 17034 pH Buffer CRMs and ISO 17025 pH Buffer Solutions are manufactured to exacting specifications with extended shelf life & stability.

- ✓ Manufactured and certified in accordance with the requirements of ISO 17034.
- ✓ NIST traceable
- ✓ Directly traceable to the IUPAC pH scale by an unbroken chain of traceability. Reagecon achieve this traceability through a series of comparisons, with the key reference materials being Standard Reference Materials (SRMs) manufactured by NIST
- ✓ Values specified at specific temperature e.g. 20°C/25°C
- ✓ Manufactured to exacting specifications with an extended shelf life & stability
- ✓ Guaranteed stability throughout entire shelf life
- ✓ Consistency of product – Independent, Traceable, Certified
- ✓ Certification Reports and Safety Data Sheets available online

### pH Buffer Standards at 20°C NIST Values ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695423	CRM103788	Buffer Standard pH 3.788 ± 0.010 at 20°C NIST Value	500ml
4695424	CRM104001	Buffer Standard pH 4.001 ± 0.010 at 20°C NIST Value	500ml
4695425	CRM106881	Buffer Standard pH 6.881 ± 0.010 at 20°C NIST Value	500ml
4695426	CRM107429	Buffer Standard pH 7.429 ± 0.010 at 20°C NIST Value	500ml
4695427	CRM109225	Buffer Standard pH 9.225 ± 0.010 at 20°C NIST Value	500ml
4695422	CRM110062	Buffer Standard pH 10.062 ± 0.010 at 20°C NIST Value	500ml

### pH Buffer Standards at 25°C DIN 19266 ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695405	CRM101679	Buffer Standard pH 1.679 ± 0.010 at 25°C DIN 19266	500ml
4695408	CRM103776	Buffer Standard pH 3.776 ± 0.010 at 25°C DIN 19266	500ml
4695409	CRM104005	Buffer Standard pH 4.005 ± 0.010 at 25°C DIN 19266	500ml
4695412	CRM10687	Buffer Standard pH 6.865 ± 0.010 at 25°C DIN 19266	500ml
4695413	CRM107413	Buffer Standard pH 7.413 ± 0.010 at 25°C DIN 19266	500ml
4695414	CRM109180	Buffer Standard pH 9.180 ± 0.010 at 25°C DIN 19266	500ml
4695406	CRM110012	Buffer Standard pH 10.012 ± 0.010 at 25°C DIN 19266	500ml

### pH Buffer Standards at 25°C DIN 19267 ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695407	CRM103065	Buffer Standard pH 3.06 ± 0.02 at 25°C DIN 19267	500ml
4695410	CRM104655	Buffer Standard pH 4.65 ± 0.01 at 25°C DIN 19267	500ml
4695411	CRM106795	Buffer Standard pH 6.79 ± 0.01 at 25°C DIN 19267	500ml
4695415	CRM109235	Buffer Standard pH 9.23 ± 0.01 at 25°C DIN 19267	500ml

### pH Buffer Standards at 20°C ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695379	CRM10685	Buffer Standard pH 6.80 ± 0.01 at 20°C	500ml
4695382	CRM10925	Buffer Standard pH 9.20 ± 0.01 at 20°C	500ml
4695383	CRM109220	Buffer Standard pH 9.22 ± 0.01 at 20°C	500ml
4695375	CRM1020	Buffer Standard pH 2.00 ± 0.02 at 20°C	1L
4695376	CRM1030	Buffer Standard pH 3.00 ± 0.02 at 20°C	1L
4693636	CRM1040	Buffer Standard pH 4.00 ± 0.01 at 20°C	1L
4695377	CRM1050	Buffer Standard pH 5.00 ± 0.01 at 20°C	1L
4695378	CRM1060	Buffer Standard pH 6.00 ± 0.01 at 20°C	1L
4693637	CRM1070	Buffer Standard pH 7.00 ± 0.01 at 20°C	1L
4695380	CRM1080	Buffer Standard pH 8.00 ± 0.01 at 20°C	1L
4695381	CRM1090	Buffer Standard pH 9.00 ± 0.01 at 20°C	1L
4693638	CRM1100	Buffer Standard pH 10.00 ± 0.01 at 20°C	1L
4695373	CRM1110	Buffer Standard pH 11.00 ± 0.05 at 20°C	1L
4695374	CRM1120	Buffer Standard pH 12.00 ± 0.05 at 20°C	1L

### pH Buffer Standards at 25°C ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695396	CRM1068525	Buffer Standard pH 6.80 ± 0.01 at 25°C	500ml
4695397	CRM1068805	Buffer Standard pH 6.86 ± 0.01 at 25°C	500ml
4695401	CRM1094025	Buffer Standard pH 9.40 ± 0.01 at 25°C	500ml
4695388	CRM11001525	Buffer Standard pH 10.01 ± 0.01 at 25°C	500ml
4695391	CRM102025	Buffer Standard pH 2.00 ± 0.02 at 25°C	1L
4695392	CRM103025	Buffer Standard pH 3.00 ± 0.02 at 25°C	1L
4695393	CRM104025	Buffer Standard pH 4.00 ± 0.01 at 25°C	1L
4695394	CRM105025	Buffer Standard pH 5.00 ± 0.01 at 25°C	1L
4695395	CRM106025	Buffer Standard pH 6.00 ± 0.01 at 25°C	1L
4695398	CRM107025	Buffer Standard pH 7.00 ± 0.01 at 25°C	1L
4695399	CRM108025	Buffer Standard pH 8.00 ± 0.01 at 25°C	1L
4695400	CRM109025	Buffer Standard pH 9.00 ± 0.01 at 25°C	1L
4695387	CRM110025	Buffer Standard pH 10.00 ± 0.01 at 25°C	1L
4695389	CRM111025	Buffer Standard pH 11.00 ± 0.05 at 25°C	1L
4695390	CRM112025	Buffer Standard pH 12.00 ± 0.05 at 25°C	1L

### pH Buffer Standards at 20°C Colour Coded ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695385	CRM10405C	Buffer Standard pH 4.00 ± 0.01 at 20°C Colour Coded (Red)	500ml
4695386	CRM10705C	Buffer Standard pH 7.00 ± 0.01 at 20°C Colour Coded (Yellow)	500ml
4695384	CRM11005C	Buffer Standard pH 10.00 ± 0.01 at 20°C Colour Coded (Blue)	500ml

### pH Buffer Standards at 25°C Colour Coded ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695403	CRM1040525C	Buffer Standard pH 4.00 ± 0.01 at 25°C Colour Coded (Red)	500ml
4695404	CRM1070525C	Buffer Standard pH 7.00 ± 0.01 at 25°C Colour Coded (Yellow)	500ml
4695402	CRM1100525C	Buffer Standard pH 10.00 ± 0.01 at 25°C Colour Coded (Blue)	500ml

### pH Buffer Standards at 20°C High Resolution Colour Coded ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695418	CRM104000C	Buffer Standard pH 4.000 ± 0.010 at 20°C High Resolution Colour Coded (Red)	500ml
4695420	CRM107000C	Buffer Standard pH 7.000 ± 0.010 at 20°C High Resolution Colour Coded (Yellow)	500ml
4695416	CRM110000C	Buffer Standard pH 10.000 ± 0.010 at 20°C High Resolution Colour Coded (Blue)	500ml

### pH Buffer Standards at 25°C High Resolution Colour Coded ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695419	CRMH40525C	Buffer Standard pH 4.000 ± 0.010 at 25°C High Resolution Colour Coded (Red)	500ml
4695421	CRMH70525C	Buffer Standard pH 7.000 ± 0.010 at 25°C High Resolution Colour Coded (Yellow)	500ml
4695417	CRMH100525C	Buffer Standard pH 10.000 ± 0.010 at 25°C High Resolution Colour Coded (Blue)	500ml

### pH Buffer Standards at 25°C Technical Colour Coded ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
4695429	CRMTB401	Buffer Standard pH 4.01 ± 0.02 at 25°C Technical Colour Coded (Red)	500ml
4695430	CRMTB460	Buffer Standard pH 4.60 ± 0.02 at 25°C Technical Colour Coded (Red)	500ml
4695431	CRMTB700	Buffer Standard pH 7.00 ± 0.02 at 25°C Technical Colour Coded (Yellow)	500ml
4695432	CRMTB921	Buffer Standard pH 9.21 ± 0.02 at 25°C Technical Colour Coded (Blue)	500ml
4695428	CRMTB100	Buffer Standard pH 10.00 ± 0.02 at 25°C Technical Colour Coded (Blue)	500ml

# Sucrose in Water (Brix) Standards

## ISO 17034 Certified Reference Materials

Reagecon manufacture a range of Sucrose in Water (Brix) Certified Reference Materials (CRMs), which are manufactured and certified in accordance with the requirements of ISO 17034. Product measurement uncertainty is computed on a batch to batch basis, guaranteed to never exceed  $\pm 0.15$  °Brix.

These products are used primarily either as a calibrant or analytical control solution in Refractive Index based methods of Brix value determinations, they can also be used to validate appropriate test methods or qualify a refractometer for use in a regulated industry.

Our Sucrose in Water Standards have a shelf life of 20 weeks and are produced in accordance with ICUMSA guidelines.

- ✔ Extended shelf life - 20 weeks (Manufactured in accordance with ICUMSA guidelines)
- ✔ Manufactured and certified in accordance with the requirements of ISO 17034
- ✔ Can be used with any brand of refractometer
- ✔ Extensive range (1-60% mass/mass Sucrose in Water Solutions)
- ✔ Product measurement uncertainty is computed on a batch to batch basis, guaranteed to never exceed  $\pm 0.15$  °Brix
- ✔ Presented in a convenient high quality dropper bottle
- ✔ Ready to Use
- ✔ Consistency of product – Independent, Traceable, Certified
- ✔ Certification Reports and Safety Data Sheets available online

### Sucrose in Water (Brix)

#### ISO 17034 Certified Reference Materials (CRMs)

Order No.	Manuf Prod. No.	Description	UoM
9801502	BS05	5% Sucrose in Water (Brix)	15ml
9801504	BS10	10% Sucrose in Water (Brix)	15ml
9801512	BS30	30% Sucrose in Water (Brix)	15ml



## Brix Standards Stabilised

Reagecon's range of Non ICUMSA compliant Stabilised Brix Standards (Sucrose) for ease of use when controlling all types of Refractometers, irrespective of brand. These products are also used as Calibrants in addition to being used as Quality Control Solutions.

- ✔ Products represent excellent value for users that are not required to follow ICUMSA Guidelines.
- ✔ ISO 17025 Accredited for 5 - 60% Brix
- ✔ Extended Shelf, 1 year Stabilised Sucrose products
- ✔ High accuracy,  $\pm 0.11\%$  @ 20°C Brix
- ✔ Consistency of product - Independent, Traceable, Certified
- ✔ Presented in a convenient high quality dropper bottle
- ✔ Can be used with any brand of Refractometer
- ✔ Ready to Use
- ✔ Certificates of Analysis and SDS Sheets available online

### Brix Standards Stabilised

#### Tested using our ISO 17025 accredited test method

Order No.	Manuf Prod. No.	Description	UoM
4696083	BS07S	7% Brix Stabilised	15ml
6313273	BS112S	11.2% Brix Stabilised	15ml
4696064	BS115S	11.5 Brix Stabilised	15ml
7660407	BS12S	12% Brix Stabilised	15ml
4696067	BS125S	12.5% Brix Stabilised	15ml
6263260	BS15S	15% Brix Stabilised	15ml
6264889	BS20S	20% Brix Stabilised	15ml
4696073	BS25S	25% Brix Stabilised	15ml
6264214	BS35S	35% Brix Stabilised	15ml
7660408	BS40S	40% Brix Stabilised	15ml
6265117	BS45S	45% Brix Stabilised	15ml
6258369	BS50S	50% Brix Stabilised	15ml
6283445	BS55S	55% Brix Stabilised	15ml
6265875	BS60S	60% Brix Stabilised	15ml

# Osmolality Standards

Reagecon manufactures a range of Osmolality Standards for use when calibrating all types of Osmometers irrespective of brand. Our range of Osmolality Standards for Osmometry determinations, start at 50 mOsm/Kg H<sub>2</sub>O and go right up to 3000 mOsm/Kg H<sub>2</sub>O. These standards are used for calibration, quality control, method validation and instrument calibration irrespective of brand and manufactured using high purity raw materials in accordance with European and United States Pharmacopoeia guidelines.

Because Osmolality Standards are used extensively in Clinical and Life Sciences Laboratories we also offer a range of Protein Based Standards and Urine Based Standards for Osmometry measurement which are certified and accredited.

- ✔ Extensive range 50 – 3000 mOsm/kg H<sub>2</sub>O (including protein based and urine based standards)
- ✔ Test method accredited to ISO/IEC 17025 (50 – 3000 mOsm/kg H<sub>2</sub>O)
- ✔ Low Uncertainty of Measurement
- ✔ Manufactured in accordance with European and United States Pharmacopoeia guidelines where appropriate
- ✔ Can be used with any brand of Osmometer
- ✔ Extended shelf life
- ✔ Consistency of product - Independent, Traceable, Certified
- ✔ Certificates of Analysis and Safety Data Sheets available online



Order No.	Manuf Prod. No.	Description	UoM
6325578	RE-OSM-0	Osmolality Standard 0 mOsm/Kg	12x5ml
6286326	RE-OSM-50	Osmolality Standard 50 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286324	RE-OSM-100	Osmolality Standard 100 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286325	RE-OSM-200	Osmolality Standard 200 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
4696182	RE-OSM-240	Osmolality Standard 240 mOsm/Kg Protein Based	12x5ml
4696183	RE-OSM-280	Osmolality Standard 280 mOsm/Kg Protein Based	12x5ml
6280786	RE-OSM-290	Osmolality Standard 290 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6284310	RE-OSM-300	Osmolality Standard 300 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
4696185	RE-OSM-300	Osmolality Standard 300 mOsm/Kg Urine Based	12x5ml
4696184	RE-OSM-320	Osmolality Standard 320 mOsm/Kg Protein Based	12x5ml
7970554	RE-OSM-400	Osmolality Standard 400 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6270201	RE-OSM-500	Osmolality Standard 500 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286327	RE-OSM-600	Osmolality Standard 600 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286328	RE-OSM-700	Osmolality Standard 700 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
4696186	RE-OSM-800	Osmolality Standard 800 mOsm/Kg Urine Based	12x5ml
6286334	RE-OSM-850	Osmolality Standard 850 mOsm/Kg	12x5ml
6286335	RE-OSM-900	Osmolality Standard 900 mOsm/Kg	12x5ml
6286329	RE-OSM-1000	Osmolality Standard 1000 mOsm/Kg	12x5ml
6490096	RE-OSM-1100	Osmolality Standard 1100 mOsm/Kg	12x5ml
6286330	RE-OSM-1500	Osmolality Standard 1500 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286331	RE-OSM-2000	Osmolality Standard 2000 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286332	RE-OSM-2500	Osmolality Standard 2500 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6286333	RE-OSM-3000	Osmolality Standard 3000 mOsm/Kg (EP 2.2.35, USP 785)	12x5ml
6323226	RE-OSM-3500	Osmolality Standard 3500 mOsm/Kg	12x5ml

# Total Organic Carbon Standards

## Premium Instrument Specific Range



Reagecon's Premium Instrument Specific Range of TOC/TIC Standards are an independent range of standards suitable for use on all leading brands of TOC/TIC analysers for laboratory and online applications.

The range includes independent standards for the brands listed alphabetically below

Analytik Jena	Horiba	Shimadzu
Anatel	Lachat	Sievers
AQUA-Lab	Lighthouse	Swan Analytical
Beckman	Membrapure	Teledyne Tekmar
Comet Analytics	OI Analytica	Thornton
Elementar		

- ✔ Extensive range (50 ppb – 50,000 ppm / 0.05 mg/L to 50,000 mg/L)
- ✔ ISO/IEC 17025 accredited TOC 475 µg/L to 52.5 mg/L and TIC 475 µg/L to 52.5 mg/L
- ✔ In accordance with USP <634> and <1051> guidelines
- ✔ Products are produced from ultra pure raw materials including water that is prepared by a special proprietary process
- ✔ Presented in vials & containers that are manufactured, cleaned and leached, by a special proprietary process specifically for the product
- ✔ Manufactured in our dedicated TOC Laboratory
- ✔ Consistency of product – Independent, Traceable, Certified

Order No.	Manuf Prod. No.	Description	UoM
4696686	RTOCK08	0.5 mg/L C as Potassium Hydrogen Phthalate TOC Standard for Sievers 900/M9 Analysers	40ml
4696694	RTOCRs	0.5 mg/L C from USP Sucrose Rs TOC Standard for Sievers 900/M9 Analysers	40ml
4696691	RTOCRss	0.5 mg/L C from USP 1,4-Benzoquinone TOC Standard for Sievers 900/M9 Analysers	40ml
4696766	RTOCW	USP Reagent Water Rw TOC Standard for Sievers 900/M9 Analysers	40ml
6490167	RTOCRS1	1.0 mg/L C from USP Sucrose TOC Standard for Horiba and Membrapure Analysers	500ml
4696600	RTOCRS500	0.5 mg/L C from USP Sucrose Rs TOC Standard for Horiba and Membrapure Analysers	500ml
4696599	RTOCRSS500	0.5 mg/L C from USP 1,4- Benzoquinone TOC Standard for Horiba and Membrapure Analysers	500ml
4696601	RTOCW500	USP Reagent Water Rw TOC Standard for Horiba and Membrapure Analysers	500ml
4696758	RTOCLWUSP1	System Suitability Set to USP for TOC suitable for use with Sievers 900/M9 Analysers	3x40ml
6258571	RTOCUSP1	System Suitability Set to USP for Total Organic (TOC) suitable for use with Sievers 900/M9 Analysers	3x40ml
4696759	RTOCUSP101	System Suitability Set to USP for TOC suitable for use with Sievers 900/M9 Analysers	4x40ml
6315922	ISTOC1112	0.5 mg/L C from USP 1,4-Benzoquinone TOC Standard for OI Analytical and Teledyne Tekmar Analysers	40ml
4696636	ISTOC1111	0.5 mg/L C from USP Sucrose TOC Standard for OI Analytical and Teledyne Tekmar Analysers	40ml
4696651	ISTOC1018	Calibration Blank Total Organic/Inorganic Carbon (TOC/TIC) Standard for OI Analytical, Teledyne Tekmar and Shimadzu TOC-L/TOC-V/TOC-Vcsh/TOC-4200 Analysers	40ml
4696531	ISTOC1191	Calibration Kit to C NIST Sucrose for TOC suitable for use with Anatel PAT700 Analyser	4x60ml
4696486	ISTOC1103	System Suitability Set to USP for TOC suitable for use with Analytik Jena Analyser	3x40ml
4696490	ISTOC1128	System Suitability Set to USP for TOC suitable for use with Analytik Jena, Lachat, OI Analytical, Teledyne Tekmar and Shimadzu TOC-L/TOC-V/TOC-Vcsh/TOC-4200 Analysers	3x250ml
4696532	ISTOC1009	System Suitability Set to USP for TOC suitable for use with Anatel PAT700 Analyser	3x60ml
4696568	ISTOC1270	System Suitability Set to USP for TOC suitable for use with Beckman QbD1200 Analyser	3x40ml
4696520	ISTOC1166	Validation Kit to C NIST Sucrose for TOC suitable for use with Anatel A643 Analyser	5x60ml

# Total Organic Carbon Standards

## Quality Range

These products were developed for a broader and more routine set of applications, than those of the Premium Industry Specific range. Although they are produced to a lower specification than the Premium Range they can be used on a wide variety of instruments, particularly where the higher specification Premium Range products are not required. This Quality Range of standards represents excellent value for money.

- Extensive range (5 ppm – 10,000 ppm)
- Represents excellent value for money
- Mixed TOC and TIC standards available as a normal part of the range
- Presented in special twin neck bottles (all values above 50 ppm, 500ml size) which prevents product contamination, evaporation or interference
- All values below 50 ppm are packed in specially cleaned and leached amber glass bottles



## Total Organic Carbon (TOC) Standards

Order No.	Manuf Prod. No.	Description	UoM
6235803	TOC5	Reagecon Total Organic Carbon (TOC) Standard 5 mg/L (ppm)	500ml
4012105	TOC10	Reagecon Total Organic Carbon (TOC) Standard 10 mg/L (ppm)	500ml
6268502	TOC15	Reagecon Total Organic Carbon (TOC) Standard 15 mg/L (ppm)	500ml
6235238	TOC50	Reagecon Total Organic Carbon (TOC) Standard 50 mg/L (ppm)	500ml
4012107	TOC100	Reagecon Total Organic Carbon (TOC) Standard 100 mg/L (ppm)	500ml
4012108	TOC250	Reagecon Total Organic Carbon (TOC) Standard 250 mg/L (ppm)	500ml
6210157	TOC500	Reagecon Total Organic Carbon (TOC) Standard 500 mg/L (ppm)	500ml
4696818	TOC832	Reagecon Total Organic Carbon (TOC) Standard 832 mg/L (ppm)	500ml
6231121	TOC1M	Reagecon Total Organic Carbon (TOC) Standard 1000 mg/L (ppm)	500ml
6253516	TOC2M	Reagecon Total Organic Carbon (TOC) Standard 2000 mg/L (ppm)	500ml

## Total Inorganic Carbon (TIC) Standards

Order No.	Manuf Prod. No.	Description	UoM
4012110	TIC100	Total Inorganic Carbon (TIC) Standard 100 mg/L (ppm)	500ml
4696804	TIC200	Total Inorganic Carbon (TIC) Standard 200 mg/L (ppm)	500ml
4012111	TIC500	Total Inorganic Carbon (TIC) Standard 500 mg/L (ppm)	500ml
6231331	TIC1M	Total Inorganic Carbon (TIC) Standard 1000 mg/L (ppm)	500ml
4696803	TIC10M	Total Inorganic Carbon (TIC) Standard 10,000 mg/L (ppm)	500ml

## Total Organic / Inorganic Carbon (TOC/TIC) Mixed Standards

Order No.	Manuf Prod. No.	Description	UoM
4696821	TOIC5	Total Organic and Inorganic Carbon (TOC/TIC) Mixed Standard 5 mg/L (ppm)	500ml
6253517	TOIC10	Total Organic and Inorganic Carbon (TOC/TIC) Mixed Standard 10 mg/L (ppm)	500ml
4696820	TOIC308	Total Organic and Inorganic Carbon (TOC/TIC) Mixed Standard 30 mg/L (ppm) Organic Carbon, 8 mg/L (ppm) Inorganic Carbon	500ml
6252240	TOIC100	Total Organic and Inorganic Carbon (TOC/TIC) Mixed Standard 100 mg/L (ppm)	500ml
6253036	TOIC1M	Total Organic and Inorganic Carbon (TOC/TIC) Mixed Standard 1000 mg/L (ppm)	500ml

# Pharmacopoeia Standards and Reagents

Reagecon is a world leading manufacturer of Standards and Reagents, as specified in all the major Pharmacopoeias. These products are manufactured, tested and identified as compliant with the processes laid down in the relevant Pharmacopoeia. The products include those described in:-

- ✔ United States Pharmacopoeia (USP)
- ✔ European Pharmacopoeia (EP)
- ✔ Chinese Pharmacopoeia (ChP)
- ✔ Japanese Pharmacopoeia (JP)

Products have been designed not only to save the analyst time, money, resources and raw materials, but also to have confidence that the products are manufactured and tested optimally, are certified and traceable and tested in an accredited facility. Overall, they offer quality, convenience, stability and piece of mind.

With more than 30 years experience producing products in compliance with the Pharmacopoeia, we can advise on all aspects of Good Manufacturing and Good Laboratory Practice, pertaining to these products.

- ✔ Significant reduction in the amount of time and expense required to prepare test solutions
- ✔ Produced according to relevant Pharmacopoeia requirements
- ✔ Manufactured with controlled processes and batch certified to ensure lot-to-lot consistency and reproducibility of results. Such benefits give you the assurance and peace of mind that in-house preparations cannot provide
- ✔ Ensure consistency of products (independent, traceable, certified)
- ✔ Guaranteed stability throughout entire shelf life, even after opening the bottle, eliminates the need to open a fresh bottle of standard every time it is used
- ✔ Certificates of Analysis and Safety Data Sheets available online

Products presented in the following table are just a small example of the extensive range on offer for Opalescence and Colour testing.

Order No.	Manuf Prod. No.	Description	UoM
6901986	EPPOS01	Reagecon Primary Opalescence Suspension according to European Pharmacopoeia (EP) Chapter 2 (2.2.1)	100ml

Order No.	Manuf Prod. No.	Description	UoM
6074439	EPYS01	Yellow Primary Colour Solution according to European Pharmacopoeia (EP) Chapter 2.2.2	100ml
6074441	EPBS01	Blue Primary Colour Solution according to European Pharmacopoeia (EP) Chapter 2.2.2	100ml
6074440	EPRS01	Red Primary Colour Solution according to European Pharmacopoeia (EP) Chapter 2.2.2	100ml

Order No.	Manuf Prod. No.	Description	UoM
6232761	HADM1	Reagecon HCL Dilution Matrix (10g/L HCl) according to European Pharmacopoeia (EP)	1L

# Reagecon

A CALIBRE SCIENTIFIC COMPANY

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