

Chemical Oxygen Demand



Chemical Oxygen Demand (COD) Standards

Reagecon's offering includes a comprehensive range of COD Standards. These standards are ideal for use as Control Standards to verify that correct analysis for COD has taken place. Achieving an acceptable result for the Control Standard will improve confidence in sample readings for this important environmental parameter.

Product No.	Description	Pack Size
COD10	10 mg/l solution	500ml
COD20	20 mg/l solution	500ml
COD50	50 mg/l solution	500ml
COD100	100 mg/l solution	500ml
COD200	200 mg/l solution	500ml
COD500	500 mg/l solution	500ml
COD600	600 mg/l solution	500ml
COD1000	1000 mg/l solution	500ml
COD1300	1300 mg/l solution	500ml
COD1500	1500 mg/l solution	500ml
COD2000	2000 mg/l solution	500ml
COD5000	5000 mg/l solution	500ml
COD6000	6000 mg/l solution	500ml
COD10M	10000 mg/l solution	500ml
COD20M	20000 mg/l solution	500ml
COD60M5	60000 mg/l solution	500ml

Chemical Oxygen Demand (COD) Reagents

Reagecon's product offering includes reagents for the two accepted methods for measuring COD at concentrations less than 400mg/l. Where the concentration is greater than 400mg/l, dilute the sample.

Product No.	Description	Pack Size
WTR50W	COD Reagent (1977 method)*	2.5L
WTR49W	Modified COD Reagent (1986 method) Mercury free	2.5L
CODMS	20% w/v Mercury (II) Sulphate in 10% w/v Sulphuric Acid	500ml
KC2002F	0.0208M (0.125N) Potassium Dichromate	1L
AGN01001	Silver Nitrate Solution	100ml
AGS1W	1% w/v Silver Sulphate in Sulphuric Acid	2.5L
COD200	COD Calibration Standard 200mg/l Solution	500ml
COD600	COD Calibration Standard 600mg/l Solution	500ml
COD1300	COD Calibration Standard 1300mg/l Solution	500ml
PFS1	Ferroun Indicator	100ml

* Methodology as per the Department of the Environment (U.K.) "Chemical Oxygen Demand (Dichromate Value) of Polluted and Waste Waters" published in 1977 and revised in 1986.

Chemical Oxygen Demand (COD) Vials

Reagecon's COD Reagent Vials can be used in conjunction with the Aqualytic PC Spectro, PC Compact Vario and all Hach® spectrophotometers. This compatibility is proven in the Reagecon Technical Publication, "A comparative study of the performance of Reagecon COD vials and Hach TM COD vials". Reagecon also offer a collection and disposal service in certain territories for used vials that complies with all relevant dangerous goods disposal and environmental regulations.

Product No.	Description	Pack Size
420720	Measuring Range 0-150mg/l	pk25
420720R	Measuring Range 0-150mg/l with compliant disposal	pk25
420721	Measuring Range 0-1500mg/l	pk25
420721R	Measuring Range 0-1500mg/l with compliant disposal	pk25
420722	Measuring Range 0-15000mg/l	pk25
420722R	Measuring Range 0-15000mg/l with compliant disposal	pk25



P.O. Box 16 (Palokorvenkatu 2)
 FI-04261 Kerava, Finland
 Tel. +358 10 417 4500
 hyxo@hyxo.fi • www.hyxo.com