



Laboratory Services Price List 2024

ANALYSIS

PRODUCT CODE	PRODUCT NAME	DESCRIPTION	PRICE	MINIMUM SIZE	AVERAGE TURNAROUND (No. Days)
LAB-ABVA	ABV Analysis by Anton Paar Alcolyzer	ABV (UKAS Accredited), present gravity, original gravity analysed by the Anton Paar Alcolyzer	£25.20	300ml	3-5 days
LAB-ABVAM (3+)	ABV Analysis by Anton Paar Alcolyzer	ABV- (UKAS Accredited), present gravity, original gravity analysed by the Anton Paar Alcolyzer (MULTIPLES)	£22.05	300ml	3-5 days
LAB-ABV	ABV Analysis by Distillation BEER/CIDER/SPIRITS	ABV (UKAS Accredited for beers only), present gravity, original gravity analysed by distillation -	£39.00	500ml	7-10 days
LAB-BU	Bitterness Analysis	Measurement of Bitterness of in a beer/wort sample	£31.16	100ml	3-5 days
LAB-CAA	Combined Analysis (Anton Paar Alcolyzer ABV)	ABV, present gravity, original gravity, pH, colour and bitterness analysed by the Anton Paar Alcolyzer	£45.10	500ml	5-7 days
LAB-CADM (3+)	Combined Analysis (Anton Paar Alcolyzer ABV)	ABV, present gravity, original gravity, pH, colour and bitterness bitterness analysed by the Anton Paar Alcolyzer (MULTIPLES)	£40.89	500ml	5-7 days
LAB-COLOUR	Measurement of Beer Colour	Measurement of beer colour in EBC	£18.00	50ml	3-5 days
LAB-FAN	Free Amino Nitrogen	Measurement of Free Amino Nitrogen in malt/wort/beer	£32.00	100ml	5-7 days
LAB-GLUTEN	Gluten samples	Analysed by Elisa method R5 Gliadin analysis (UKAS Accredited for beers only)	£117.00	100ml	3-5 days
LAB-GLUTEN-FAST	Gluten Fast Turnaround	Analysed by Elisa method R5 Gliadin analysis- Fast Turnaround	£157.00	100ml	1-2 days

LAB-ATNC	ATNC	Analysis of Apparent Total Nitrosamine Compounds	£209.55	500ml	15 days
LAB-NA	NDMA (Nitrosodimethylamine) analysis	Analysis carried out to determine Nitrosodimethylamine content	£142.00	500ml	15 days
LAB-HMS	Elemental Analysis Single Element	X 1 Element	£30.00	100ml	5-7 days
LAB-HM	Elemental Analysis Suite	X 6 Elements analysed by ICP-OES. Arsenic, Cadmium, Copper, Iron, Mercury, Lead.	£138.10	100ml	5-7 days
LAB-IA	Ionics Analysis	Calcium, Chloride, Sulphate and Magnesium in Wort & Beer	£38.90	50ml	5-7 days
LAB-FWA	Liquor Analysis	Calcium, Magnesium, Chloride, Sulphate, pH, Total Hardness as CaCO3 Alkalinity as CaCO3 and Nitrate.	£29.80	50ml	7-10 days
LAB-FWA-NA	Liquor Analysis plus Sodium	Calcium, Magnesium, Chloride, Sulphate, pH, Total Hardness as CaCO3 Alkalinity as CaCO3, Nitrate and Sodium Analysis (LAB_HMS)	£56.12	50ml	7-10 days
LAB-TAN	Shelf Life Analysis (Tannometer)	Analysis of potential polyphenols & tannins by Tannometer - Filtered Beer Only	£94.61	500ml	7-10 days
LAB-SO2	Sulphur Dioxide Analysis (Total)	Total sulphur dioxide analysis. LOD is 2ppm. Beer, Wine & Cider	£33.34	50ml	5-7 days
LAB-CO2	Carbon Dioxide Analysis in beer	The determination of dissolved carbon dioxide in small pack products.	£43.90	1 x small pack	5-7 days
LAB-POLYPHENOL	Polyphenol analysis in beer	Total Polyphenols analysis by Spectroscopy	£51.00	1 x small pack	5-7 days
LAB-NUTRITIONAL-ANALYSIS	Nutritional analysis in beer samples	Reported as Alcohol Content g/100ml, Total Carbohydrate Content g/100ml and Protein Content g/100ml. Nutritional content reported in kcal energy/100ml and kJ energy/100ml	£151.20	500ml	7-10 days
LAB-MCHECK	General Microbiological Check & Report	General microscopy, yeast count, viability plus a written report	£28.94	50ml	1-2 days
LAB-MICRODP	Sample Analysis by Direct Plating	4 Types of media used. Cask/FV/unfiltered Beer, wort and water samples.	£31.63	50ml	3-5 days
LAB-PCR	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£96.00	30ml	1-2 days

LAB-PCR (3+)	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£88.00	30ml	1-2 days
LAB-PEST	Pesticide Screen	Pesticide Screen	£335.00	500ml	14 days
LAB-YEASTC	Yeast Contamination Analysis	Includes Direct plating analysis and Yeast Streak Plates	£41.00	50ml	3-5 days
LAB-DIASTATICUS	Identification of <i>S. cerevisiae</i> var. <i>diastaticus</i>	Enrichment and identification of <i>S. cerevisiae</i> var. <i>diastaticus</i> using real-time PCR	£120.00	30ml	3-5 days
LAB-MICROMF	Sample Analysis by Membrane Filtration	Filtered/Sterile Filtered Beer samples	£42.00	300ml	3-5 days

Please complete a copy of our laboratory sample form with your contact details and analysis requirements and send with your sample to The Laboratory, Murphy & Son, Alpine Street, Nottingham, NG6 0HQ. We will in touch to confirm receipt of your sample and email you a copy of the results.

PLEASE NOTE any unidentified samples received without a laboratory sample form with your contact details will be disposed of within 24 hours.

CONSUMABLES

PRODUCT CODE	PRODUCT NAME	DESCRIPTION	PRICE
LABSAL-IODINE-250ML	0.1N Iodine	A 250ml Bottle of 0.1N iodine for starch tests	£12.00
LABSAL-PIP1	1ml Sterile Pipettes	x1 1ml serological pipette, Individually Wrapped	£1.15
LABSAL-PIP10	10ml Sterile Pipettes	x1 Sterile 10ml Pipette	£1.15
LABSAL-ALKTEST	Alkalinity Test Kit	X1 Sample Bottle & X1 Bottle of tablets - Enough for approximately 50 tests (Water dependent)	£28.00
LABSAL-FILTERPAPER	Whatman Number 113 Filter Paper	Whatman 113 240mm filter papers - pore size 30µm general purpose filter paper - Degassing etc (pack of 100)	£74.00
LABSAL-GLUTENTOX-PRO	GlutenToxPro (5 per Case)	Used as surface test for efficacy of cleaning only. Please note: in the UK for beers to be labelled as gluten free, they must be below 20ppm of gluten as determined by R5 ELISA Competitive testing carried out in a UKAS accredited laboratory.	£69.43
LABSAL-HAEM	Haemocytometer - Improved Neubauer	A double cell Rhodium coated counting chamber for cell counts etc	£93.50
LABSAL-HSLIPS	Haemocytometer Cover Slips	x10 glass coverslips for either of the Haemocytometers we sell	£25.00
LABSAL-METH-250ml	Methylene Blue Solution	A 250ml bottle of Methylene Blue solution for staining yeast cells to enable cell counts	£7.50
LABSAL-MICROSCOPE	Microscope	A Brunel SP30 Microscope & Case	£225.00
LABSAL-MICROKIT	Microscope Kit	A Brunel SP30 Microscope + counting chamber, pipettes, methylene blue + Case	£380.00
LABSAL-SLIDES	Microscope Slide	A pack of 50 glass microscope slides	£9.50
LABSAL-SLIPS	Microscope Slide Coverslips	A pack of 200 glass microscope slide coverslips	£7.50

LABSAL-PH-METER	Myron Handheld pH Meter with ATC	A pen type pH meter with built in temperature compensation	£215.00
LABSAL_TS_PAA_50	Peracetic Acid test strips 0 - 160ppm (Pack of 50)	A pack of test strips for testing residual amounts of PAA post CIP rinsing etc	£19.25
LABSAL-PH4-1000ML	pH Buffer Solution - pH 4 - 1000ml	1000ml Bottle of pH 4 Buffer Solution	£15.00
LABSAL-PH7-1000ML	pH Buffer Solution - pH 7 - 1000ml	1000ml Bottle of pH 7 Buffer Solution	£15.00
LABSAL-PH-PAPER1-14	pH Papers	A pack of 100 Strips of pH paper that can measure from pH 1 to 14	£19.50
LABSAL-PH-S.SOL-500	pH Probe Storage Solution	A 500ml bottle of storage solution that cleans and protects pH probes	£29.00
LABSAL-PIPBULB	Pipette Filler	A rubber bulb pipette filler	£25.00
LABSAL-UNITUBE	Universal Sterile Sampling Bottle	A 30ml sterile universal sampling bottle	£0.40
AATHERMRS	Thermometer, Red Spirit -10°C to +110°C	Spirit filled thermometers covering the range of -10°C to +110°C Filling is coloured Red on a white back glass	£8.90
LABSAL-COPKIT	Copper Finings Kit	Copper Finings Kit containing 7 cylinders, a jug, a beaker, pipette, and pipette bulb, for doing copper finings optimisation	£118.00
AA-SACCH-00/10	Glass Saccharometer 1000 - 1010	Saccharometer	£86.50
AA-SACCH-00/30	Glass Saccharometer 1000 - 1030	Saccharometer	£86.50
AA-SACCH-00/50	Glass Saccharometer 1000 - 1050	Hydrometer	£86.50
AA-SACCH-00/60	Glass Saccharometer 1000 - 1060	Hydrometer	£86.50
AA-SACCH-10/20	Glass Saccharometer 1010 - 1020	Hydrometer	£86.50
AA-SACCH-1090/1120	Glass Saccharometer 1090 - 1120	Hydrometer	£86.50
AA-SACCH-1120/1140	Glass Saccharometer 1120-1140	Hydrometer	£86.50

AA-SACCH-20/30	Glass Saccharometer 1020 - 1030	Saccharometer	£86.50
AA-SACCH-30/40	Glass Saccharometer 1030 - 1040	Hydrometer	£86.50
AA-SACCH-30/60	Glass Saccharometer 1030 - 1060	Hydrometer	£86.50
AA-SACCH-40/50	Glass Saccharometer 1040 - 1050	Hydrometer	£86.50
AA-SACCH-50/60	Glass Saccharometer 1050 - 1060	Hydrometer	£86.50
AA-SACCH-60/70	Glass Saccharometer 1060 - 1070	Hydrometer	£86.50
AA-SACCH-60/90	Glass Saccharometer 1060 - 1090	Hydrometer	£86.50
AA-SACCH-JARP	Saccharometer Jar	Plastic 360 x 50mm	£58.00

NCYC

PRODUCT CODE	PRODUCT NAME	PRICE
LAB-YEAST-SAFE-ACC	Initial Accessioning Set Up	£225.00
LAB-YEAST-SAFE-STD	Safe Deposit Storage Standard	£320.00
LAB-YEAST-SAFE-PREM	Safe Deposit Storage premium	£520.00
LAB-YEAST-SAFE-SAM	Furnishing of a Safe Deposit Sample	£165.00
LAB-YEAST-WINE-ISOLATION	Isolation of Native Yeasts from Vineyard	£950.00
LAB-YEAST-1BRL	Single Strain Yeast Suspensions to pitch 1 Brewers Barrel	£295.00
LAB-YEAST-3BRL	Single Strain Yeast Suspensions to pitch 3 Brewers Barrel	£370.00

LAB-YEAST-5BRL	Single Strain Yeast Suspensions to pitch 5 Brewers Barrel	£470.00
LAB-YEAST-6BRL	Single Strain Yeast Suspensions to pitch 6 Brewers Barrel	£550.00
LAB-YEAST-10BRL	Single Strain Yeast Suspensions to pitch 10 Brewers Barrel	£600.00
LAB-YEAST-20BRL	Single Strain Yeast Suspensions to pitch 20 Brewers Barrel	£830.00
LAB-YEAST-30BRL	Single Strain Yeast Suspensions to pitch 30 Brewers Barrel	£1,250.00
LAB-YEAST-40BRL	Single Strain Yeast Suspensions to pitch 40 Brewers Barrel	£1,500.00
LAB-YEAST-50BRL	Single Strain Yeast Suspensions to pitch 50 Brewers Barrel	£1,800.00
LAB-YEAST-AUTH	Yeast Authentication: DNA fingerprinting per sample	£445.00
LAB-YEASTC	Yeast Contamination Analysis	£40.28
LAB-YEAST-CULT-FREE	Yeast Culture Supply: Freeze-Dried Ampoule	£170.00
LAB-YEAST-CULT-LIVE	Yeast Culture Supply: Live Culture (Slope)	£210.00
LAB-YEAST-ID-CHEM	Chemotaxonomic analysis per strain	£585.00
LAB-YEAST-ID-DNA	Yeast identification DNA Sequence Analysis per Strain*	£265.00
LAB-YEAST-ID-ISO	Isolation and purification (Selective/enrichment media)	£235.00
LAB-YEAST-ID-PCR	Yeast identification services PCR Detection Method	£285.00
LAB-YEAST-SACHET	Wet Yeast Sachet	£10.00

For more information contact 0115 978 5494 or laboratory@murphyandson.co.uk