



Murphy & Son Laboratory Services Price List 2022

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Last Updated: 26/01/22

PRODUCT CODE	PRODUCT NAME	DESCRIPTION	PRICE	Minimum Sample Required	Avg Turnaround (working days)
LAB-ABVA	ABV Analysis by Anton Paar Alcolyzer	ABV, present gravity, original gravity analysed by the Anton Paar Alcolyzer - UKAS Accredited	£23.32	300ml	3-5 days
LAB-ABVAM (Multiples)	ABV Analysis by Anton Paar Alcolyzer	ABV, present gravity, original gravity analysed by the Anton Paar Alcolyzer (MULTIPLES) - UKAS Accredited	£21.00	300ml	3-5 days
LAB-ABV	ABV Analysis by Distillation BEER/CIDER/SPIRITS	ABV, present gravity, original gravity analysed by distillation - (UKAS Accredited for beers only)	£33.00	500ml	7-10 days
LAB-BU	Bitterness Analysis	Measurement of Bitterness of in a beer/wort sample	£29.68	100ml	7-10 days
LAB-CAA	Combined Analysis (Anton Paar Alcolyzer ABV)	ABV, present gravity, original gravity, pH, colour and bitterness	£42.40	500ml	5-7 days
LAB-CADM	Combined Analysis (Anton Paar Alcolyzer ABV)	ABV, present gravity, original gravity, pH, colour and bitterness (MULTIPLES)	£37.50	500ml	5-7 days
LAB-COLOUR	Measurement of Beer Colour	Measurement of beer colour in EBC	£13.25	50ml	3-5 days
LAB-GLUTEN	Gluten 1-2 samples	Analysed by Elisa method R5 Gliadin analysis (UKAS Accredited for beers only)	£115.00	100ml	3-5 days
	Gluten Samples 3+	Multiples- Analysed by Elisa method R5 Gliadin analysis (UKAS Accredited for beers only)	£90.00	100ml	3-5 days
LAB-GLUTEN-FAST	Gluten Fast Turnaround	Analysed by Elisa method R5 Gliadin analysis- Fast Turnaround	£145.00	100ml	3-5 days
LAB-ATNC	ATNC	Analysis of Apparent Total Nitrosamine Compounds	£198.22	500ml	15 days

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LAB-NA	NDMA (Nitrosodimethylamine) analysis	Analysis carried out to determine Nitrosodimethylamine content	£93.28	500ml	15 days
LAB-HMS	Elemental Analysis Single Element	X 1 Element	£27.30	100ml	5-7 days
LAB-HM	Elemental Analysis Suite	X 6 Elements analysed by ICP-OES. Arsenic, Cadmium, Copper, Iron, Mercury, Lead.	£127.20	100ml	5-7 days
LAB-IA	Ionics Analysis	Calcium, Chloride, Sulphate and Magnesium in Wort & Beer	£37.05	50ml	5-7 days
LAB-FWA	Liquor Analysis	Calcium, Magnesium, Chloride, Sulphate, pH, Total Hardness as CaCO3 Alkalinity as CaCO3 and Nitrate.	£27.50	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)	£51.50	50ml	7-10 days
LAB-TAN	Shelf Life Analysis (Tannometer)	Analysis of potential polyphenols & tannins by Tannometer - Filtered Beer Only	£90.10	500ml	7-10 days
LAB-SO2	Sulphur Dioxide Analysis (Total)	Total sulphur dioxide analysis. LOD is 2ppm. Beer, Wine & Cider	£31.27	50ml	5-7 days
LAB-CO2	Carbon Dioxide Analysis in beer	The determination of dissolved carbon dioxide in small pack products.	£37.10	1 x small pack	5-7 days
LAB-POLYPHENOL	Polyphenol analysis in beer	Total Polyphenols analysis by Spectroscopy	£37.10	1 x small pack	5-7 days
LAB-NUTRITIONAL-	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	£137.80	500ml	7-10 days
LAB-MCHECKGEN	General Microbiological Check	A visual check of a sample under a microscope by a trained microbiologist	£21.00	50ml	1-2 days
LAB-MCHECK	General Microbiological Check & Report	General microscopy, yeast count, viability plus a written report	£27.56	50ml	1-2 days
LAB-MICRODP	Sample Analysis by Direct Plating	4 Types of media used. Cask/FV/unfiltered Beer, wort and water samples.	£32.86	50ml	3-5 days
LAB-PCR	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£70.00	30ml	1-2 days
LAB-PCR (multiples)	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£50-60 ea	30ml	1-2 days

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LAB-QPCR	Quantification of microorganisms by real-time PCR	Quantify beer spoilage microorganisms present in your yeast slurries, fermenters and packaged beer - (this is in addition to sample costs)	£40.00	30ml	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	£40.00	300ml	3-5 days
LAB-YEASTC	Yeast Contamination Analysis	Includes Direct plating analysis and Yeast Streak Plates	£38.00	50ml	3-5 days

Please send all samples to the address at the top of this document, clearly labelled with a cover letter detailing your contact details and analysis requirements. Please note any unidentified samples received without a cover note for contact details will be disposed of within 24 hours. Results and an invoice will be sent to you by email.