



Murphy & Son Laboratory Services Price List 2023

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Last Updated: 08/11/23

PRODUCT CODE	PRODUCT NAME	DESCRIPTION	PRICE	Minimum Sample Required	Avg Turnaround (working days)
LAB-ABVA	ABV Analysis by Anton Paar Alcolyzer	ABV (UKAS Accredited), present gravity, original gravity analysed by the Anton Paar Alcolyzer	£24.48	300ml	3-5 days
LAB-ABVAM (Multiples)	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	£34.65	500ml	7-10 days
LAB-BU	Bitterness Analysis	Measurement of Bitterness in a beer/wort sample	£31.16	100ml	3-5 days
LAB-CAA	Combined Analysis (Anton Paar Alcolyzer ABV)	ABV (UKAS Accredited), present gravity, original gravity, pH, colour and bitterness analysed by the Anton Paar Alcolyzer	£44.52	500ml	5-7 days
LAB-CADM	Combined Analysis (Anton Paar Alcolyzer ABV)	ABV (UKAS Accredited), present gravity, original gravity, pH, colour and bitterness analysed by the Anton Paar Alcolyzer (MULTIPLES)	£39.75	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 wort/beer	£30.00	100ml	5-7 days
LAB-GLUTEN	Gluten samples	Analysed by Elisa method R5 Gliadin analysis (UKAS Accredited for beers only)	£115.00	100ml	3-5 days
LAB-GLUTEN-FAST	Gluten Fast Turnaround	Analysed by Elisa method R5 Gliadin analysis- Fast Turnaround (UKAS Accredited for beers only)	£155.00	100ml	1-2 days
LAB-ATNC	ATNC	Analysis of Apparent Total Nitrosamine Compounds	£208.13	500ml	15 days
LAB-NA	NDMA (Nitrosodimethylamine) analysis	Analysis carried out to determine Nitrosodimethylamine content	£136.00	500ml	15 days
LAB-HMS	Elemental Analysis Single Element	X 1 Element	£30.00	100ml	5-7 days

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LAB-HM	Elemental Analysis Suite	X 6 Elements analysed by ICP-OES. Arsenic, Cadmium, Copper, Iron, Mercury, Lead.	£133.56	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.	£28.87	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)	£54.07	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	£144.69	500ml	7-10 days
LAB-MCHECK	General Microbiological Check & Report	General microscopy, yeast count, viability plus a written report	£28.93	50ml	1-2 days
LAB-MICRODP	Sample Analysis by Direct Plating	4 Types of media used. Cask/FV/unfiltered Beer, wort and water samples.	£28.93	50ml	3-5 days
LAB-PCR	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£73.50	30ml	1-2 days
LAB-PCR-BACTERIAL	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£41.00	30ml	1-2 days
LAB-PCR-YEAST	Sample Analysis by real-time PCR	Identify beer spoilage microorganisms present in yeast slurries, fermenters and packaged beer	£41.00	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	£52.50 £63 ea	30ml	1-2 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
LAB-YEASTC	Yeast Contamination Analysis	Includes Direct plating analysis and Yeast Streak Plates	£39.90	50ml	3-5 days

PRODUCT CODE

PRODUCT NAME

DESCRIPTION

PRICE

Minimum
Sample
Required

Avg Turnaround
(working 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.