

EUROPEAN BREWERY CONVENTION
21st STANDARD MALT
Issued by the Analysis Committee-October 2022

The 21st Standard Malt has been accepted after analysis by the Analysis Committee of the European Brewery Convention. The malt can be used for checking the results of test methods described in Analytica-EBC or for calibration of apparatus (e.g. Friabilimeter) or other methods (flow injection, near infrared reflectance etc.).

To place an order:

Please an official purchase order including complete data of your Company (Tax Id/EORI Nr, Company and address for invoicing, email for receipt of IFBM e-invoice, address of delivery with contact, phone and email, quantity of ordered cans, ...) has to be sent preferentially by email to:

IFBM-Qualtech group
Pôle Technologique de Nancy-Brabois
7, rue du Bois-de-la-Champelle
B.P. 267
F-54512 VANDOEUVRE LES NANCY CEDEX
FRANCE
☎ : +33 (0)3 83 44 88 00
Contact: christophe.rampont@qualtech-groupe.com

Price:

Price per can (~0,650 Kg net weight): 28,00 Euros (€) excluding charges concerning delivery of goods, of documents for customs clearance separately of goods, and excluding potential extra customs, documents, bank charges


Terms of delivery:

IFBM is usually using TNT/FedEx/DHL transport carrier with CPT/DAP Town of delivery terms (incoterms 2020). Delivery may be also performed with Ex-Works Vandoeuvre les Nancy (incoterms 2020) for customers of countries which practice import charges or for customers who intend to use their own transport carrier. In that accurate cases the hours to pick up the goods at IFBM are: 9.00-12.00 am; 2.00-4.30 pm from Monday to Friday excluding unworked days

Terms of payment:

Payment by bank transfer to IFBM has to be made upon receipt of an IFBM commercial invoice. We inform that any potential additional charges invoiced to IFBM will be charged back to customers. 100% advance payment may be also required in cases of a new customer or customers using their own carrier.

IFBM bank details:

 RELEVÉ D'IDENTITÉ BANCAIRE							
Identifiant national de compte bancaire - RIB							
Banque	Guichet	N° compte	Clé	Devise	Domiciliation		
30087	33680	00020321101	48	EUR	CIC ENTREPRISE NANCY		
Identifiant international de compte bancaire							
IBAN (International Bank Account Number)				BIC (Bank Identifier Code)			
FR76	3008	7336	8000	0203	2110	148	CMCIFRPP
Domiciliation			Titulaire du compte (Account Owner)				
CIC ENTREPRISE NANCY 2EME ETAGE 4 PLACE ANDRE MAGINOT 54074 NANCY CEDEX ☎33383345505			IFBM - FC 7 RUE DU BOIS DE LA CHAMPELLE 54500 VANDOEUVRE LES NANCY				
Remettez ce relevé à tout autre organisme ayant besoin de connaître vos références bancaires pour la domiciliation de vos virements ou de prélèvements à votre compte. Vous éviterez ainsi des erreurs ou des retards d'exécution.						PARTIE RESERVEE AU DESTINATAIRE DU RELEVÉ	

Delivery time:

An order begins to be processed by IFBM only from the receipt of an official purchase order. Then the standard malt is usually shipped to foreign customers within 2 weeks (EU) or within 3 weeks (out of EU) in situation where IFBM is organizing the delivery. Please note that mean delivery time may be lengthened by specific procedures of customer's import, customs inspection of goods, by specific rules set up by transport carrier in periods of COVID-19 or during the summer period in July and August. For this reason, we request to customers to anticipate as far as possible their urgent needs of EBC standard malt.

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Analysis	Units	EBC Method	n	Reference value	Tolerance ±	Repeatability r ₉₅	Reproducibility R ₉₅
Moisture	%	4.2	30	4,5	0,30	0,20	0,45
Total Nitrogen	% dm	4.3.1/4.3.2	30	1,65	0,045	0,028	0, 067
Extract congress mash	% dm	4.5.1	30	83,4	0,68	0,63	1, 06
Wort pH		8.17	30	6,09	0,08	0,056	0,123
Wort colour spectro.	EBC	4.7.1	27	3,7	0,56	0,50	0,87
Wort colour visual	EBC	4.7.2	23	3,7	0,60	*0,49	0,91
Boiled Wort colour spectro.	EBC	4.19	27	5,8	0,66	1,05	1,20
Wort viscosity	mPa.s	4.8/8.4	30	1,50	0,050	0,034	0,075
Wort soluble N	mg/l	4.9.1/4.9.3	30	667	32,5	22,9	48,7
Wort soluble N	% dm	4.9.1/4.9.3	30	0,60	0,028	0,020	0,043
Kolbach Index	%	4.9.1/4.9.3	30	36,2	1,84	2,13	3,00
Wort FAN	mg/l	4.10	26	129	12,5	7,2	18,4
Wort FAN	% dm	4.10	26	0,12	0,011	0,006	0,016
Fermentability	%	4.11.1/4.11.2	20	79,0	2,91	1,21	4,20
Diastatic Power	WK/dm	4.12.1/4.12.2/ 4.12.3	23	273	37,0	25,2	55,3
α-Amylase	DU/dm	4.13/4.13.2	10	44	6,1	4,1	9,1
Modification	%	4.14	8	93	12,7	9,3	19,2
Homogeneity	%	4.14	8	75	28,2	18,3	41,9
Friability	%	4.15	30	85,1	2,45	2,92	4,03
Glassy Corns	%	4.15	30	1,8	0,91	0,96	1,45
Partly Unmodified Grains	%	4.15	30	4,3	1,47	1,98	2,51
Total β-Glucan fluo.	mg/l	4.16.2	29	256	73,5	44,6	108,7

Note

Because of the risk of uptake of water and change of values once the can has been opened an immediate use is recommended.

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Results are shown on the opposite table.

The repeatability value for wort colour visual by comparator (*) is given as an indication because repeatability cannot be estimated in the case of an interval basis measurement.

For each method, the following values were calculated:

- reference value
- tolerance (95% confidence level)
- repeatability (95% confidence level)

This table should be used as follows to check duplicate results obtained when analyzing the malt:

- 1 – the difference between duplicates should be less than r_{95}
- 2 – the mean result should lie within the range: reference value \pm tolerance

For example, the measurement of Total Nitrogen % dry matter, the difference between duplicates should not exceed 0,028 % dm and the mean value should be $1,65 \pm 0,045$, that is between 1,60 and 1,70 % dm.