



QUALITY CERTIFICATE

Czech MALT of Pilsen style

made by Reseach Institute of Brewing and Malting in Brno accordance the Test Report No:1662/16
(This ANALYSIS PERFORMED ACCORDING TO EBC 1998 CONVENTION)

Mechanical analysis

Parametr	Result	Unit	Uncentrainty	SOP	Accreditation
Friability	93,1	%	±3%	1000	A
Homogeneity (friablimer)	99,6	%	±1%	1000	A
Partly unmodified grains	0,4	%		1000	A
Glassy grains	0,2	%		1000	A
I. Grading > 2.5 mm	99,4	%	±3%	230	A
II. Grading > 2.2 mm	0,1	%	±3%	230	A
Waste < 2.2 mm	0,5	%	±3%	230	A

Chemical analysis

Parametr	Result	Unit	Uncentrainty	SOP	Accreditation
Moisture content	4,8	%	±5,6%	1200	A
Wort clarity	clear		±27%	1400	A
Vuscosity 8,6 %	1,43	mPa.s	±0,9%	1900	A
Free amino nitrogen	145	mg/l	±11%	2320	A
Extract fine grind d.m.	82,2	%	±0,8%	1310	A
Extract fine grind as is	78,2	%	±0,8%	1310	A
Extract coarse grind d.m.	81,2	%	±0,83%	1310	A
Extract coarse grind as is	77,3	%	±0,8%	1310	A
Extract difference	1	%	±2%	1320	A
VZ 45 °C	36,6	%	±3,3%	1340	A
Wort colour EBC	2,7	j.EBC	±7%	1610	A
Total protein	10,9	%	±5,43%	2220	A
Total nitrogen	1,747	%	±5,4%	2220	A
Kolbach index	39,6	%	±8%	2220	A
Soluble protein	4,3	%	±2,6%	2220	A
Soluble nitrogen	692	mg/100g	±2,6%	2220	A
Soluble nitrogen	77,1	mg/100ml	±2,6%	2220	A
Beta - glucans in wort	74	mg/l±	±25%	2410	A

Date: 21. 03. 2016

