

**ACCEPTANCE-DELIVERY CERTIFICATE  
on commissioning of the moisture meter**

This certificate confirms that from 16 to 20 of September, 2019 the commissioning of moisture meter "MICRORADAR113K20M" (manufacturer's No. 6-14) was completed at Tolnatej Zrt. (Szekszárd, Hungary) by the specialist of Bio-Chemical Engineering s.r.o. together with the representatives of BeHo s.r.o.

The following works were made:

1. Installation of the units of moisture meter "MICRORADAR113K20M".
2. Training the technical staff of Tolnatej Zrt. for the principles of service and correction of moisture meter indications.
3. Calibration of moisture meter.

The calibration is made on the basis of the number of samples and the types of butter provided by Tolnatej Zrt. The results of calibration are shown in annexed Test Report.

If adjustment of calibration is required, trained technical staff of the plant can perform all necessary procedures with consulting support of Bio-Chemical Engineering s.r.o. specialists.

Commission comprising representatives of:

Tolnatej Zrt.: **TOLNATEJ Zrt.**  
7100 Szekszárd, Keselyűsi út 26. 2019.09.20

2.

BeHo spol. s r.o.: \_\_\_\_\_

Bio-Chemical Engineering s.r.o.: \_\_\_\_\_

conducted verification tests of the moisture meter "MICRORADAR113K20M" operation, in accordance with «Control test method» (Appendix No. 3 to the Contract), and established the following:

1. The operation of moisture meter corresponds to the technical characteristics listed in Appendix No.2 to the Contract, no remarks.
2. The installation and adjustment of moisture meter, as well as technical staff training, are made in full, no remarks.
3. The calibration of moisture meter is made in full. The Test Report is attached.

Tolnatej Zrt.: **TOLNATEJ Zrt.**  
7100 Szekszárd, Keselyűsi út 26. 2019.09.20

2.

BeHo spol. s r.o.: \_\_\_\_\_

Bio-Chemical Engineering s.r.o.: \_\_\_\_\_

**TEST REPORT**  
**Joint testing of on-line microwave moisture meter "MICRORADAR113K20M"**

The moisture meter (manufacturer's No. 06-14) is installed in the output of the extruder of butter-making machine (BeHo s.r.o.) at Tolnatej Zrt. (Szekszárd, Hungary). The tests were conducted from 16 to 20 of September 2019 and included both the laboratory probing of butter samples and calibration of moisture meter.

The butter was produced from 39-40% fat cream. Each sample was collected during 10..15 seconds; the sample collecting was made synchronously with the update of moisture meter display (with the measurement period of 15 seconds). During the tests, the following results were obtained:

Date	#	Moisture by laboratory, %	Moisture by the device, %	Error	Abs. error
2019.09.17	1	13.83	13.46	0.37	0.37
2019.09.17	2	14.26	13.9	0.36	0.36
2019.09.17	3	14.38	14	0.38	0.38
2019.09.17	4	14.67	14.23	0.44	0.44
2019.09.17	5	14.76	14.52	0.24	0.24
2019.09.17	6	18.02	17.56	0.46	0.46
2019.09.18	7	16.78	17.26	-0.48	0.48
2019.09.18	8	14.46	14.42	0.04	0.04
2019.09.18	9	13.69	13.64	0.05	0.05
2019.09.18	10	13.61	13.68	-0.07	0.07
2019.09.18	11	13.69	13.73	-0.04	0.04
2019.09.18	12	13.97	14.01	-0.04	0.04
2019.09.18	13	16.23	16.46	-0.23	0.23
2019.09.18	14	16.27	16.68	-0.41	0.41
2019.09.18	15	15.97	16.41	-0.44	0.44
2019.09.18	16	15.72	15.96	-0.24	0.24
2019.09.18	17	17.77	17.02	0.75	0.75
2019.09.18	18	16.66	16.58	0.08	0.08
2019.09.18	19	17.06	16.82	0.24	0.24
2019.09.19	20	15.06	14.69	0.37	0.37
2019.09.19	21	16.63	16.54	0.09	0.09
2019.09.19	22	13.66	13.74	-0.08	0.08
2019.09.19	23	17.15	16.75	0.4	0.4
2019.09.19	24	15.24	15.47	-0.23	0.23
2019.09.19	25	15.63	15.64	-0.01	0.01
2019.09.19	26	15.6	15.39	0.21	0.21
2019.09.19	27	15.04	15	0.04	0.04
			<b>Mean error</b>		<b>0.25</b>
			<b>Standard method error</b>		<b>0.1</b>
			<b>Moisture meter error (15s)</b>		<b>0.31</b>

Tolnatej Zrt.

BeHo s.r.o.

Bio-Chemical Engineering s.r.o.

**TOLNATEJ ZRT.**  
 7100 Szekszárd, Keselyűsi út 26.  
 2019.09.20.  
