



TEST REPORT No. 20-030411 AKL

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Name of client: **AGROFERT TRADING OÜ (Ilja Semjonov)**

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Name of product: **PHOSPHORITE FLOUR**

Date of reception: **28.10.2020**

Sample is tested:

No	Name of characteristic	Result, %	Expanded uncertainty	Method of testing
1	Phosphorus - P ₂ O ₅	15,0	± 0,5	2003/2003 EC Annex IV Meth. 3.1.1; 3.2
2	Phosphorus soluble in neutral ammonium citrate - P ₂ O ₅	4,9	± 0,2	2003/2003 EC Annex IV Meth. 3.1.4; 3.2
3	Water soluble phosphorus - P ₂ O ₅	2,2	± 0,1	2003/2003 EC Annex IV Meth. 3.1.6; 3.2
4	Water soluble potassium - K ₂ O	0,2	± 0,02	2003/2003 EC Annex IV Meth. 4.1
5	Chlorides	0,05	± 0,005	2003/2003 EC Annex IV Meth. 6.1
6	Neutralizing value	5,2	± 0,4	EVS-EN 12945:2014
7	Moisture	1,0	-	EVS-EN 12048 *
8	Granulometry, particle size < 0,5 mm particle size 0,5 – 1,0 mm particle size 1,0 – 2,0 mm particle size 2,0 – 3,0 mm particle size 3,0 – 4,0 mm particle size 4,0 – 5,0 mm particle size > 5,0 mm	2,93 0,99 28,3 35,9 15,4 13,0 3,44		EVS-EN 1235 *
9	Calcium – Ca	15,0	± 1,80	PMK-JJ-4C *
10	Magnesium – Mg	0,283	± 0,040	PMK-JJ-4C *
11	Sulphur – S	0,382	± 0,096	PMK-JJ-4C *
		Result, mg/kg	Expanded uncertainty	
12	Manganese – Mn	87,0	± 22,0	PMK-JJ-1A *
13	Iron – Fe	18230	± 4558	PMK-JJ-1A *
14	Zinc – Zn	17,7	± 4,40	PMK-JJ-1A *
15	Copper – Cu	15,8	± 3,90	PMK-JJ-1A *
16	Boron – B	65,6	± 16,4	PMK-JJ-1A *
17	Arsenic – As	11,2	± 2,80	PMK-JJ-2B *
18	Mercury – Hg	0,012	± 0,003	PMK-JJ-2B *
19	Cadmium – Cd	0,132	± 0,033	PMK-JJ-2B *
20	Lead – Pb	2,78	± 0,695	PMK-JJ-2B *
21	Chromium – Cr	27,0	± 6,75	PMK-JJ-2B *
22	Nickel – Ni	13,0	± 3,25	PMK-JJ-2B *

REMARKS:1. Test results are valid only for tested samples

2. Test report is not the substitute of certificate

3. Only whole test reports may be copied, for copy in parts is obligatory to have the permission of laboratory

4. * Test method is not accredited

Date of the analysis: 29.10. – 03.11.2020

Date of issue: 11.11.2020

Test report was compiled by:

quality manager of AKL Tiina Susi
/signed digitally/