INTER CONTINENT GROUP

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Quality certificate

For rapeseed meal

№	Name of indicators	Unit	Limit	Facts	Error or uncertainty of measurement	Method
1	Appearance	-	Pellets of cylindrical		-	visually
2	Color	-	From light brown with a	Corresponding	-	DSTU 9173:2022 (visual)
3	Odor	-	Characteristic for rapeseed meal without a foreign smell (mold, spit, burned)	Corresponding	-	DSTU 9173:2022 organoleptic
4	Diameter of pellets	mm	6,0-20,0	Corresponding	Not	DSTU 4638:2006 , cl.. 12.3.1
5	Length of pellets	mm	10,0-26,0	Corresponding	Not	DSTU 4638:2006 , cl. 12.3.1
6	Moisture and volatile matter content	%	10,0-12,0	11,10	Not determined	ISO 771; DSTU 7621:2014 ,
7	Mass fraction of metal impurities (particles up to 2 mm in size included)	%	<0,01	<0,01	Not determined	DSTU 4600:2006
8	Mass fraction of metal impurities (particles more than 2 mm in size)	%	Not allowed	null	Not determined	DSTU 4600:2006
9	Mass fraction of crude protein in absolutely dry matter	%	< 37,0	37,10	Error δв=6%	DSTU ISO 5983-2, DSTU 7169
10	Crude protein at real humidity	%	-		Error δв=6%	DSTU ISO 5983-2, DSTU 7169
11	Oil content and extracted matter content in abs. dry matter	%	< 3,0	2,03	Error <0,8%	DSTU ISO 734-1; DSTU 7458
12	Mass fraction of crude fat and	%	-		Error <0,8%	DSTU ISO 734-1; DSTU 7458
13	Crude fiber content in abs. dry matter	%	< 16,0	14,00	Error Dabs=1,30+0,	ISO 6865:2004 (ISO 6865:2000), DSTU 8844
14	Mass fraction of crude fiber at actual moisture	%	-		Error Dabs=1,30+0,	ISO 6865:2004 (ISO 6865:2000), DSTU 8844
15	Mass fraction of the residual amount of solvent	pp^m	<1000	460	Error 50 ppm	DSTU ISO 9289, DSTU 4638
16	Glucosinolate content	mkmol/g	25	12,90	Error <3%	ISO 9167:2019
Contaminants, undesirable substances						
17	The content of toxic elements, mycotoxins, radionuclides, toxicity, nitrates, nitrites, dioxines and PCBs (EN 16215) in pelletized toasted rapeseed meal feed shell not exceed the maximum permissible concentrations which were established by the requirements of the current version of ТУ У 10.4-00373758-028:2014 and other current regulatory documents of Ukraine. Pesticides MRL will meet requirements of valid EU regulations. Infestation by insects and mites or the presence of residues after infection is not allowed.					
Pathogenic microorganisms						
18	Pathogenic microbiota, included Salmonella sp.	cfu/25g	not allowed	Not determined	Not determined	DSTU EN 12824:2004
19	Yeast and mould no more than	cfu/g	$5*10^4$	Less than	-	DSTU ISO 7954:2006

Director Gennadiy Stoyanov