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## Potato pulp, dehydrated



Main analysis	Unit	Avg	SD	Min	Max	Nb
Dry matter	% as fed	86.9	1.6	83.6	93.1	100
Crude protein	% DM	5.4	1	1.6	7.9	99
Crude fibre	% DM	18.6	2	14.2	22.7	83
Neutral detergent fibre	% DM	28.4	3.9	23.3	35.4	8*
Acid detergent fibre	% DM	20.9	3.2	16	25.2	8*
Lignin	% DM	5.9	3.2	0.6	10	11*
Ether extract	% DM	0.4	0.3	0.2	1.3	9
Ash	% DM	3.5	1.5	2.2	12.1	76
Insoluble ash	% DM	0.09			1	
Starch (polarimetry)	% DM	44.3	7.4	25.5	58.6	56
Starch (enzymatic)	% DM	33.9	4.6	25.3	36.3	5*
Total sugars	% DM	1.8	2.3	0.3	7.3	8
Gross energy	MJ/kg DM	17.6			*	
Amino acids	Unit	Avg	SD	Min	Max	Nb
Alanine	g/16g N	2			1	*
Arginine	g/16g N	1.8			1	*
Aspartic acid	g/16g N	19.5			1	*
Cystine	g/16g N	1.3			*	
Glutamic acid	g/16g N	19.8			1	*
Glycine	g/16g N	1.1			1	*
Histidine	g/16g N	1			1	*
Isoleucine	g/16g N	0.5			1	*
Leucine	g/16g N	4.3			1	
Lysine	g/16g N	1.2			1	*
Methionine	g/16g N	0.5			1	*
Methionine+cystine	g/16g N	1.8			*	
Phenylalanine	g/16g N	0.9			1	*
Phenylalanine+tyrosine	g/16g N	3.2			1	*
Proline	g/16g N	0.6			1	*
Serine	g/16g N	1.6			1	*
Threonine	g/16g N	1.3			1	*
Tryptophan	g/16g N	0.3			*	
Tyrosine	g/16g N	2.3			1	*
Valine	g/16g N	2.7			*	
Fatty acids	Unit	Avg	SD	Min	Max	Nb
Myristic acid C14:0	% fatty acids	0.3		0.3	0.3	4
Palmitic acid C16:0	% fatty acids	18	1.1	15.6	20.3	27
Palmitoleic acid C16:1	% fatty acids	1.2	0.8	0.3	4	27
Stearic acid C18:0	% fatty acids	5.3	0.6	3.9	6.6	27
Oleic acid C18:1	% fatty acids	1.9	0.8	0.9	4.8	27
Linoleic acid C18:2	% fatty acids	55.5	3.7	49.2	60.7	27
Linolenic acid C18:3	% fatty acids	17.4	2.5	13.4	24	27
Minerals	Unit	Avg	SD	Min	Max	Nb
Calcium	g/kg DM	4	0.8	3	5.3	6
Phosphorus	g/kg DM	1.4	0.9	0.6	3.5	8
Potassium	g/kg DM	8.6			1	

Sodium	g/kg DM	1.5	1
Chlorine	g/kg DM	0.6	
Magnesium	g/kg DM	1.6	
Sulfur	g/kg DM	1.2	
Manganese	mg/kg DM	50	
Zinc	mg/kg DM	46	
Copper	mg/kg DM	8	
Iron	mg/kg DM	791	
<b>Pig nutritive values</b>			
Energy digestibility, growing pig	%	72.7	*
DE growing pig	MJ/kg DM	12.8	*
ME <sub>n</sub> growing pig	MJ/kg DM	12.4	*
NE growing pig	MJ/kg DM	8.9	*
Nitrogen digestibility, growing pig	%	57.2	*
<b>Poultry nutritive values</b>			
AMEn cockerel	MJ/kg DM	8.8	1 *
AMEn broiler	MJ/kg DM	8.8	*
<b>Ruminants nutritive values</b>			
OM digestibility, ruminants	%	65.9	*
Energy digestibility, ruminants	%	62.4	*
ME ruminants	MJ/kg DM	9.2	*
Nitrogen digestibility, ruminants	%	28.4	*
Nitrogen degradability (effective, k=6%)	%	65	
Dry matter degradability (effective, k=6%)	%	65	*
<b>Rabbit nutritive values</b>			
DE rabbit	MJ/kg DM	11.3	*
ME <sub>n</sub> rabbit	MJ/kg DM	11.1	*
Energy digestibility, rabbit	%	64.1	*
Nitrogen digestibility, rabbit	%	61.2	*

The asterisk \* indicates that the average value was obtained by an equation.

## References

AFZ, 2017; Crawford et al., 1978; Kiiskinen, 1992; Macgregor et al., 1978

Last updated on 11/11/2019 18:19:19

## Datasheet

Potato (*Solanum tuberosum*) by-products

## Table status

Finished

## Table order

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