



TEST REPORT No. P 87

Pages : 1 / 2

OWNER SAMPLE : Heaven Labs s.r.o.
P átelství 172/42
104 00 Praha 10 - Uh ín ves

Order: 42/P
Sample: by the owner
Delivered: by post
Payment: paid by the owner
Received on: 4.1.2016

Analysis completion on: 18.1.2016

Required investigation: chemical

List of samples	
Sample No.	Identification and description of the sample
P 87	Palatinose

Results of investigation

Chemical analysis: responsible Ing. Hana Pavelková		P 87	
Parameter	Unit	Value	±n.%
Afla B1B2G1G2	mg/kg	<0,002	
Sugar (invert)	%	52,5	±2,1%
Saccharides	%	52,8	
Starch	%	<0,6	

Inorganic constituents: responsible Ing. Ji í Pavelka, CSc.		P 87	
Parameter	Unit	Value	±n.%
Arsenic (As)	mg/kg	0,003	±56%
Calcium (Ca)	mg/kg	6,60	±8%
Cadmium (Cd)	mg/kg	<0,01	
Chromium (Cr)	mg/kg	0,080	±23%
Copper (Cu)	mg/kg	0,200	±13%
Iron (Fe)	mg/kg	2,40	±8%
Mercury (Hg)	mg/kg	0,0015	±52%
Potassium (K)	mg/kg	<0,02	
Magnesium (Mg)	mg/kg	<0,020	
Manganese (Mn)	mg/kg	0,140	±15%
Molybdenum (Mo)	mg/kg	<0,050	
Sodium (Na)	mg/kg	6,20	±8%
Phosphorus (P)	mg/kg	<0,02	
Lead (Pb)	mg/kg	<0,01	
Sulphur (S)	mg/kg	2,2	±16%
Selenium (Se)	mg/kg	<0,030	
Zinc (Zn)	mg/kg	0,180	±29%

Remark: Uncertainty $n = \pm \%$ of the result (uncertainty extension $k=2$, corresponding to a reliability level of about 95%)
 - sampling uncertainty not included
 - values marked * mean absolute uncertainty in units of the result
 Unless otherwise stated, the results are based on the original mass of the sample.

Required analytical methods

Parameter	Accreditation	SOP	Clarification SOP (method)
Molybdenum (Mo)	N	A-01	OES-ICP (acids mineralization)
Sulphur (S)	N	A-01	OES-ICP (acids mineralization)
Sodium (Na)	A	A-01-1	OES-ICP (acids mineralization)
Calcium (Ca)	A	A-01-1	OES-ICP (acids mineralization)
Manganese (Mn)	A	A-01-1	OES-ICP (acids mineralization)
Zinc (Zn)	A	A-01-1	OES-ICP (acids mineralization)
Lead (Pb)	A	A-01-1	OES-ICP (acids mineralization)
Phosphorus (P)	A	A-01-1	OES-ICP (acids mineralization)
Magnesium (Mg)	A	A-01-1	OES-ICP (acids mineralization)
Copper (Cu)	A	A-01-1	OES-ICP (acids mineralization)
Chromium (Cr)	A	A-01-1	OES-ICP (acids mineralization)
Cadmium (Cd)	A	A-01-1	OES-ICP (acids mineralization)
Potassium (K)	A	A-01-1	OES-ICP (acids mineralization)
Iron (Fe)	A	A-01-1	OES-ICP (acids mineralization)
Mercury (Hg)	A	A-02-1	AAS - AMA 254 Hg
Selenium (Se)	A	A-03-1	As and Se hydride generation
Arsenic (As)	A	A-03-1	As and Se hydride generation
Sugar (invert)	A	C-11	internal directive - Luff-Schoorl
Starch	A	C-34	internal directive - Ewers
Afla B1B2G1G2	A	C-76	immunoaffinity chromatography
Saccharides	N		calculation

Accreditation : A - accredited method, N - non-accredited method, SA - sub-order accredited, F - flexible scope of accreditation

The results relate only to tested items. The report may not be reproduced except in whole without the written permission of the testing laboratory.

Report prepared by : Šim nková Jana

Report approved by :

Ing. Ji í Pavelka
Head of Laboratory

Ostrava, date : 20.4.2016