

**TASMANS NATURAL PET
KEN LUDWICK
903 GEIGER ST
LOUISVILLE KY 40206**

REPORT OF ANALYSIS

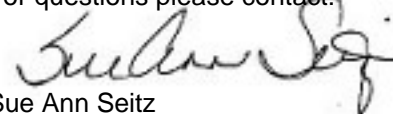
For: (31317) TASMANS NATURAL PET
BISON RAWHIDE
082016-CAL
DRY PET FOOD

Analysis	Level Found		Reporting		Analyst- Date	Verified- Date
	As Received	Units	Limit	Method		
Sample ID: BT006	Lab Number: 12132728	Date Sampled: 2013-08-20				
Moisture	14.81	%	0.01	AOAC 930.15 *	kkw8-2013/08/28	cmw4-2013/08/29
Dry matter	85.19	%	0.010	CALCULATION	Auto-2013/08/29	Auto-2013/08/29
Protein (crude)	87.8	%	0.20	AOAC 990.03 *	sss6-2013/08/28	cmw4-2013/08/29
Fat (acid hydrolysis)	0.28	%	0.10	AOAC 954.02 *	kfl0-2013/08/29	cmw4-2013/08/29
Fiber (crude)	0.46	%	0.20	AOCS Ba 6a-05 *	sdh7-2013/08/29	cmw4-2013/08/29
Ash	1.63	%	0.10	AOAC 942.05 *	kfl0-2013/08/29	cmw4-2013/08/29
Total calories	4190	cal/g	1.0	ASTM D 240	sss6-2013/08/23	jpt1-2013/08/26

This report was reissued on 2013-08-29 08:53:53 by cmw4 for the following reason:
added f2.

All results are reported on an AS RECEIVED basis.

For questions please contact:



Sue Ann Seitz
Client Service Representative
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The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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Detailed Method Description(s)**AOAC 930.15**

Analysis follows FD PROC 16 which is based on AOAC 930.15. The sample is weighed and placed in an oven set at 135 oC for two (2) hours. The sample is reweighed and the amount of material lost is reported as moisture.

AOAC 990.03

Analysis follows FE PROC 70 which is based on AOAC 990.03. The sample is placed in a combustion instrument and the amount of nitrogen is obtained. The nitrogen value is multiplied by a factor of 6.25 and that value reported as crude protein.

AOAC 954.02

Analysis follows FD PROC 27 which is based on AOAC 954.02. A sample is treated with ethanol and hydrochloric acid to help release fat in the sample. Separate treatments of ethyl ether and petroleum ether is used to extract the fat and the ethers collected in a pre-weighed beaker. The ether is evaporated and the material remaining in the beaker is reported as "fat".

AOCS Ba 6a-05

Analysis follows FD PROC 23 which is based on AOCS Ba6a-05. A small amount of sample is weighed and placed in a membrane bag and sealed. The bag and sample are placed in a container that treats the sample with a variety of chemicals to dissolve materials which leach out of the bag. After repeated washing and rinsing, the bag is dried and reweighed. The material remaining in the bag is reported as crude fiber

AOAC 942.05

Analysis follows FR PROC 19 which is based on AOAC 942.05. The sample is weighed and placed in a muffle furnace at 600 oC. After a period of time, the sample is removed and the remaining material weighed and reported as ash. Moisture and organic material is driven off.

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