

Certificate of Analysis

The Weston A. Price Foundation

PMB 106-380, 4200 Wisconsin Ave, NW
Washington District of Columbia 20016 United States

Sample Name:	Green Pastures Butter Oil	Covance Sample:	4365345
Project ID	WESTON_A_P-20151006-0001	Receipt Date	01-Oct-2015
PO Number	CVD	Receipt Condition	Cold on Wet Ice or Ice Packs
Sample Serving Size		Login Date	06-Oct-2015
Description	Sample 8 Sent: 30SEP2015	Storage Condition	5 (+/- 3) degrees Celsius
		Online Order	10

Analysis	Result
Vitamin A as Retinol	
Vitamin A from Retinol	3460 IU/100g
Vitamin D by LCMS	
Total Vitamin D3	<4.00 IU/100g
Total Vitamin D2	<2.00 IU/100g

Method References	Testing Location
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Vitamin A as Retinol (VALC_S:16)	Covance Laboratories - Madison
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Official Methods of Analysis, Methods 992.04, 992.06, and 2001.13, AOAC INTERNATIONAL (Modified).

Vitamin D by LCMS (VDMS_S:18)	Covance Laboratories - Madison
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Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11,
AOAC INTERNATIONAL, Gaithersburg, MD, USA.

Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," *Journal of AOAC International*, Volume (92). No. 5:1327-1335 (2009).

Testing Location(s)	Released on Behalf of Covance by
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Covance Laboratories - Madison

Lori Ross - Associate Director

Covance Laboratories Inc.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375 x4170



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