

## Certificate of Analysis

### Stacker2 Europe BV

Geerweg 2  
Sittard 6135KC Netherlands

<b>Sample Name:</b>	Multi Kick	<b>Covance Sample:</b>	7381697
<b>Project ID</b>	STACKER2-20180611-0002	<b>Receipt Date</b>	11-Jun-2018
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	6022891	<b>Login Date</b>	11-Jun-2018
<b>Sample Serving Size</b>		<b>Online Order</b>	30

Analysis	Result
<b>Water Soluble Vitamins by LC-MS/MS</b>	
Pyridoxine	44600 mcg/100g
<b>Elements by ICP Mass Spectrometry</b>	
Cadmium	1.44 mcg/100g
Lead	4.98 mcg/100g
Mercury	<0.500 mcg/100g
<b>Mycotoxins in Raw Materials</b>	
Aflatoxin B1	<0.500 ng/g
Aflatoxin B2	<0.500 ng/g
Aflatoxin G1	<0.500 ng/g
Aflatoxin G2	<0.500 ng/g
Aflatoxin M1	<0.500 ng/g
Aflatoxin M2	<0.500 ng/g
Deoxynivalenol	<100 ng/g
T-2 Toxin	<10.0 ng/g
HT-2 Toxin	<100 ng/g
Fumonisin B1	<25.0 ng/g
Fumonisin B2	<25.0 ng/g
Ochratoxin A	<1.00 ng/g
Zearalenone	<30.0 ng/g
<b>Polycyclic Aromatic Hydrocarbons-Low Level</b>	
Benz(a)anthracene	<0.0250 mcg/100g
Benzo(a)pyrene	<0.0250 mcg/100g
Benzo(b)fluoranthene	<0.0250 mcg/100g
Chrysene	<0.0250 mcg/100g
Sum of PAH4 analytes	<0.100 mcg/100g

Method References	Testing Location
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<b>Elements by ICP Mass Spectrometry (ICP_MS_S)</b>	<b>Covance Laboratories - Harrogate</b>
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Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).  
 Pequette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

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### Method References

### Testing Location

#### Mycotoxins in Raw Materials (MYCO\_REG\_S)

Covance Laboratories - Harrogate

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

#### Polycyclic Aromatic Hydrocarbons-Low Level (LLPAH\_S)

Covance Laboratories - Madison

Covance Inc. developed method

#### Water Soluble Vitamins by LC-MS/MS (BLCMS\_S)

Covance Laboratories - Madison

Covance Internal Method

Other supporting references:

Vitamin B12: AOAC 2011,10. Determination of Vitamin B12 in Infant Formula and Adult Nutritionals by HPLC (Vitamin B12 extraction)

### Testing Location(s)

### Released on Behalf of Covance by

#### Covance Laboratories - Harrogate

Covance Laboratories Inc.  
Otley Road  
Harrogate North Yorkshire, United Kingdom HG3 1PY  
+4401423 500011

Andrew Hockin - Director



#### Covance Laboratories - Madison

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

Edward Ladwig - Director



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