

Certificate of Analysis

Stacker2 Europe BV

Geerweg 2
Sittard 6135KC Netherlands

Sample Name:	Joint Fit	Covance Sample:	7381698
Project ID	STACKER2-20180611-0002	Receipt Date	11-Jun-2018
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	F80700	Login Date	11-Jun-2018
Sample Serving Size		Online Order	30

Analysis
Result
Elements by ICP Mass Spectrometry

Cadmium	1.01 mcg/100g
Lead	3.11 mcg/100g
Mercury	<0.500 mcg/100g

Mycotoxins in Raw Materials

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

Polycyclic Aromatic Hydrocarbons-Low Level

Benz(a)anthracene	<0.250 ppb
Benzo(a)pyrene	<0.250 ppb
Benzo(b)fluoranthene	<0.250 ppb
Chrysene	<0.250 ppb
Sum of PAH4 analytes	<1.00 ppb

Method References
Testing Location
Elements by ICP Mass Spectrometry (ICP_MS_S)
Covance Laboratories - Harrogate

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).

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).

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Method References

Testing Location

Polycyclic Aromatic Hydrocarbons-Low Level (LLPAH_S)

Covance Laboratories - Madison

Covance Inc. developed method

Testing Location(s)

Released on Behalf of Covance by

Covance Laboratories - Harrogate

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Andrew Hockin - Director



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