



ANALYSIS REPORT

Client:	SemenVitae KG	Lab No:	1535888	SPV1
Contact:	Wackerstr 47 D 84489 Burghausen	Date Registered:	10-Feb-2016	
		Date Reported:	23-Feb-2016	
		Quote No:		
		Order No:	807821	
		Client Reference:		
		Submitted By:	Sharon Peace	

Sample Type: Sauces, Herbs, Spice and Condiments (dry)

	Sample Name:	Newpark 10 (NP10)	Chesley 5 (CH5)			
	Lab Number:	1535888.1	1535888.2			
Antimony	mg/kg as rcvd	< 0.10	< 0.10	-	-	-
Arsenic	mg/kg as rcvd	< 0.10	< 0.10	-	-	-
Bismuth	mg/kg as rcvd	< 0.010	< 0.010	-	-	-
Cadmium	mg/kg as rcvd	0.004	0.015	-	-	-
Copper	mg/kg as rcvd	2.8	3.4	-	-	-
Lead	mg/kg as rcvd	0.089	0.056	-	-	-
Mercury	mg/kg as rcvd	< 0.010	< 0.010	-	-	-
Silver	mg/kg as rcvd	< 0.010	< 0.010	-	-	-
Tin	mg/kg as rcvd	< 0.05	< 0.05	-	-	-
Total Heavy Metals	mg/kg as rcvd	3.0	3.5	-	-	-

SUMMARY OF METHODS

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively clean matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis.

Sample Type: Sauces, Herbs, Spice and Condiments (dry)

Test	Method Description	Default Detection Limit	Sample No
Grind	Grinding or crushing of nominally dry or dried sample to form ground sample fraction. Analysis performed at Hill Laboratories - Food & Bioanalytical Division, Waikato Innovation Park, Ruakura Lane, Hamilton.	-	1-2
Biological Materials Digestion	Nitric and hydrochloric acid micro digestion, filtration. Analysis performed at Hill Laboratories - Food & Bioanalytical Division, Waikato Innovation Park, Ruakura Lane, Hamilton.	-	1-2
Antimony	Biological materials digestion, ICP-MS.	0.10 mg/kg as rcvd	1-2
Arsenic	Biological materials digestion, ICP-MS.	0.10 mg/kg as rcvd	1-2
Bismuth	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1-2
Cadmium	Biological materials digestion, ICP-MS.	0.002 mg/kg as rcvd	1-2
Copper	Biological materials digestion, ICP-MS.	0.05 mg/kg as rcvd	1-2
Lead	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1-2
Mercury	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1-2
Silver	Biological materials digestion, ICP-MS.	0.010 mg/kg as rcvd	1-2
Tin	Biological materials digestion, ICP-MS.	0.05 mg/kg as rcvd	1-2
Total Heavy Metals	Calculation: sum of individual metals (antimony, arsenic, bismuth, cadmium, copper, lead, mercury, silver, tin). Heavy Metals Test (as lead sulfide), Food Chemicals Codex 4 th Edition, 1996 (modified - ICP-MS analysis).	1.0 mg/kg as rcvd	1-2