



CERTIFICATE OF ANALYSIS

Report Issued To: *Sika Strength Ltd*



Sample Information

Sample Name:	Sika Sleep	CoA #:	23-206.1
Sample Number:	SSF-1639	Batch/Lot Number:	0001
Received On:	04/24/2023	Report Date:	05/03/2023
Specification #:	N/A	Sample desc.:	Cream powder in black sachet
Sampling Plan used:	Customer Provided Sample	Sampling date:	N/A

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Sodium assay	USP <730> Apex Metals-011	ICP-MS	334mg/serv	343mg/serv	Pass
Magnesium assay	USP <730> Apex Metals-011	ICP-MS	90mg/serv	100mg/serv	Pass
Zinc assay	USP <730> Apex Metals-011	ICP-MS	6mg/serv	6mg/serv	Pass
Pyridoxal-5'-Phosphate assay	LAB TM-190	UPLC-MS	15mg/serv	19mg/serv	Pass
Glycine assay	LAB TM-173	UPLC	361.58mg/serv	Report only	Pass

These results pertain to the sample as tested and not to the material as a whole. Serving size of 4.055g provided by customer. All results reported on an as-is basis.

Final Approval





Analytical Results

Sub-Matrix: DIETARY SUPPLEMENT				Laboratory sample ID		FP2311123-001		-----		-----	
				Client sampling date / time		20-Apr-2023		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU
Nutritional Panel											
Chloride as Cl-	B-NACL-COU	0.050	%	14.9	± 2.0%	---	---	---	---	---	---
Total Metals / Major Cations											
Magnesium	B-METAXDG1	3.0	mg/kg	26300	± 20.0%	---	---	---	---	---	---
Sodium	B-METAXDG1	5.0	mg/kg	84600	± 20.0%	---	---	---	---	---	---
Zinc	B-METAXDG2	0.20	mg/kg	1640	± 20.0%	---	---	---	---	---	---
Vitamins											
Vitamin C (Ascorbic Acid)	B-VCLCP02	8.0	mg/kg	499000	± 15.0%	---	---	---	---	---	---
Vitamin B6 (Pyridoxine Hydrochloride)	B-VB26LC02	0.20	mg/kg		---	---	---	---	---	---	---

Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
B-METAXDG1	CZ_SOP_D06_04_001 (US EPA 200.7, ČSN EN ISO 11885, Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by acids and hydrogen peroxide prior to analysis.
B-METAXDG2	CZ_SOP_D06_04_001 (US EPA 200.7, ČSN EN ISO 11885, Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by acids and hydrogen peroxide prior to analysis.
B-NACL-COU	CZ_SOP_D06_04_467 (O.K.SERVIS company Chloride Analyser manual) Determination of chloride by coulometric titration
B-VB26LC02	CZ_SOP_D06_04_218 (CSN EN 14122, CSN EN 14152, CSN EN 14663) Determination of vitamins B1, B2 and B6 by liquid chromatography method with FLD detection.
B-VCLCP02	CZ_SOP_D06_04_207 (CSN EN 14130:2004) Determination of vitamin C (ascorbic acid) by liquid chromatography method with PDA detection.

The symbol "***" for the method indicates a test outside the scope of accreditation of the laboratory or subcontractor. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. If the lab used for matrix outside the scope of accreditation or non-standard sample matrix procedure specified in the accredited method and issues non-accredited results, this fact is stated on the title page of this protocol in the section "Notes". If the test report shows the results of subcontracting, the place of performance of the test is outside the laboratories of ALS Czech Republic, s.r.o.
The method for calculating of the summation parameters is available on request in the customer service.