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Test Report 6662383
Order No. 6824946
Customer No. 10215152

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SGS Germany GmbH
Heidenkampsweg 99
20097 Hamburg

Hamburg, 19.12.2023

Your order/project: .
Your purchase order date: 21.11.2023

SGS Germany GmbH



Your order/project: .
Your purchase order number: .

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General Information:

Sample No.:	231214974
Sample:	33529/11/23 ALLNUTRITION BEEF AMINO 2000 ULTRA CONCENTRATE 300 tab
Date of receipt:	08.12.2023
Testing period (begin / end):	08.12.2023 / 14.12.2023
Quantity:	214g
Packaging:	Plastic bag

Test Results:

Parameter	Method	Lab	Unit	Result	Limit of quantification	Requirements
Amino acids (total):						
Aspartic acid	SOP M 3123, LC-MS/MS	HH	g/100 g	4,53	0,02	
Threonine	SOP M 3123, LC-MS/MS	HH	g/100 g	1,48	0,02	
Serine	SOP M 3123, LC-MS/MS	HH	g/100 g	2,52	0,02	
Glutamic acid	SOP M 3123, LC-MS/MS	HH	g/100 g	8,52	0,02	
Proline	SOP M 3123, LC-MS/MS	HH	g/100 g	8,69	0,02	
Glycine	SOP M 3123, LC-MS/MS	HH	g/100 g	15,37	0,02	
Alanine	SOP M 3123, LC-MS/MS	HH	g/100 g	6,69	0,02	
Valine	SOP M 3123, LC-MS/MS	HH	g/100 g	1,93	0,02	
Methionine, calc. from methionine sulfone	SOP M 3123, LC-MS/MS	HH	g/100 g	0,78	0,02	
Isoleucine	SOP M 3123, LC-MS/MS	HH	g/100 g	1,28	0,02	
Leucine	SOP M 3123, LC-MS/MS	HH	g/100 g	2,88	0,02	
Tyrosine	SOP M 3123, LC-MS/MS	HH	g/100 g	0,72	0,02	
Phenylalanine	SOP M 3123, LC-MS/MS	HH	g/100 g	1,80	0,02	
Ornithine	SOP M 3123, LC-MS/MS	HH	g/100 g	0,04	0,02	
gamma Aminobutyric acid	SOP M 3123, LC-MS/MS	HH	g/100 g	< 0,02	0,02	
Lysine	SOP M 3123, LC-MS/MS	HH	g/100 g	2,82	0,02	
Histidine	SOP M 3123, LC-MS/MS	HH	g/100 g	0,78	0,02	

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Arginine	SOP M 3123, LC-MS/MS	HH	g/100 g	6,06	0,02	
Taurine	SOP M 3123, LC-MS/MS	HH	g/100 g	0,02	0,02	
Hydroxyproline	SOP M 3123, LC-MS/MS	HH	g/100 g	7,77	0,02	
Cyst(e)ine, calc. from cysteic acid	SOP M 3123, LC-MS/MS	HH	g/100 g	0,03	0,02	
Hydroxylysine	SOP M 3123, LC-MS/MS	HH	g/100 g	1,05	0,02	
Sum amino acids, calc.		HH	g/100 g	75,76		

Investigations at the laboratory location Hamburg (HH) are carried out in the laboratory of the SGS Germany GmbH.
Investigations at the laboratory locations Berlin (B2), Freiburg (FR) and Taunusstein (TS) are carried out in laboratories of the SGS INSTITUT FRESENIUS GmbH.
Non-accredited test methods, if any, are marked as such.

Summary of used test methods:

SOP M 3123, LC-MS/MS	2022-04 after HCl decomposition and (if necessary) oxidation extended measurement uncertainty (relative) with $p = 95\%$, $k = 2$ (sampling was not taken into account): 20 % for hydroxyproline and hydroxylysine, determined on food and feed with $>0,1$ g/100g 15 % for other amino acids, determined on food and feed with $>0,1$ g/100g The sample-specific measurement uncertainty was not determined and can deviate.
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The laboratory sites of the SGS group Germany according to the abbreviations mentioned above including the corresponding accreditation process numbers are listed at
<http://www.institut-fresenius.de/filestore/89/laborstandortkuerzelsgs.pdf>.

*** End of test report ***

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