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Indonesia

Person in charge: Thomas Gronewold

Report date: 13/01/2025

Certificate of analysis:

AR-733-2024-00265166-01

Sample code:

733-2024-00265166

Sample description	Dragon Cinnamon Ground 60 Mesh Organic 2.5% VO
Number of sample containers	1
Total Weight	510g
Sample reception date	23/12/2024
Start / end of analyses	30/12/2024 / 13/01/2025
Reception temperature	Room Temperature
Delivered by	DHL
Packaging type	plastic bag, sealed

Sample information provided by the customer

Customer reference	DRAG600 (1)
Lot-no.	24009851
Project name	SO-2402406
Ordered by	Results
Submitted by	Anggita Rianti

TEST RESULTS**Sample Analytical Portion****Physical-chemical analysis**

Parameter	Unit	Result	LOQ
J1001-8 Sample preparation (#)			
Method: DIN EN 13805 (2014-12), mod., CON-PV 00001 (2023-09), Digestion (microwave)			
Modification: extension of scope for feed, tobacco and tobacco products; direct digestion			
Sample preparation		done	
J8312-5 Arsenic (ICP-MS, food) (#)			
Method: DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS			
Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed, raw materials for cosmetic product, tobacco and tobacco products			
Arsenic (As)	mg/kg	< 0.10	0.1

The results of the examination refer exclusively to the checked samples. Any publication of this report requires written permission. An excerpt publication is not allowed. Sample data provided by the customer may have an influence on the validity of the test results and the assessment of results.



Physical-chemical analysis

Parameter	Unit	Result	LOQ
J8306-5 Lead (ICP-MS, food) (#)			
Method: DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed, raw materials for cosmetic product, tobacco and tobacco products			
Lead (Pb)	mg/kg	0.05 ± 0.04	0.05
J8308-5 Cadmium (Cd) (#)			
Method: DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed, raw materials for cosmetic product, tobacco and tobacco products			
Cadmium (Cd)	mg/kg	0.14 ± 0.03	0.01
JCHG2-5 Mercury (Hg) (#)			
Method: DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed, raw materials for cosmetic product, tobacco and tobacco products			
Mercury (Hg)	mg/kg	< 0.005	0.005

Microbiology

Parameter	Unit	Result
UM86U-4₁ Aerobic Plate Count 30°C <100 >100 000 000 /g ISO 4833-2/WASP (#)		
Method: ISO 4833-2, 2013-09, E-Cultural technique (spiral plate)		
Aerobic Plate Count 30°C	cfu/g	1600
UMH7G-3₁ Escherichia coli <10 >1 500 /g ISO 16649-2 (#)		
Method: ISO 16649-2, 2020-12, E-Cultural technique (chromogenic media)		
Escherichia coli 44°C	cfu/g	< 10
UMMSY-4₂ Staphylococcus aureus D [Pharma] Abs Pres /11 g USP Chapter <62>		
Method: USP Chapter <62> - Without Suitability, D-Cultural technique (MPN tubes)		
Staphylococcus aureus	/11 g	Not Detected
UMYIZ-3₁ Spore-forming Aerobic Mesophilic Count <10 >300 000 /g ISO 4833-1-M		
Method: ISO 4833-1 mod., 2013-09, E-Cultural technique (non-chromogenic media) [Pasteurization 10 min at 80°C]		
Mesophilic Aerobic Spore-forming Count 30°C	cfu/g	2100
ZM8RK-1₁ Coliforms 30°C <10 >1 500 /g ISO 4832 (#)		
Method: ISO 4832, 2006-02, E-Cultural technique (non-chromogenic media)		
Coliforms 30°C	cfu/g	< 10
ZMBBP-1₁ Moulds/Yeasts <100 >1 500 000 /g 3M™ Petrifilm™ RYM (#)		
Method: 3M™ Petrifilm™ Rapid Yeast and Mold Count Plates, E-Cultural technique (media film)		
Yeasts 25°C	cfu/g	< 100
Moulds 25°C	cfu/g	< 100

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Microbiology

Parameter	Unit	Result
LYM85-1₃ Salmonella in 375g (Qualitative, food, XLD/Brilliance)		
Method: DIN EN ISO 6579-1:2020-08, PV 3201, Cultural technique (chromogenic media)		
Salmonella spp.	/375 g	Not Detected

#: The performing laboratory is accredited for this test.

- 1) The determination has been outsourced to Eurofins BioTesting Services Nord (Hamburg), Germany
- 2) The determination has been outsourced to Eurofins Microbiology Laboratories (Lancaster), United States of America
- 3) The determination has been outsourced to Eurofins Institut Dr. Appelt Hiltner GmbH, Germany

LOQ: limit of quantification

LOD: limit of detection

result +/- extended measurement uncertainty (95%; k=2), sampling not included

Sample comment

-----End of SC09 conclusion -----

Signature:



Analytical Service Manager (Dr. Thomas M. A. Gronewold)

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