

MODENA, li 07/03/2023

Sample arrived on the 02/03/2023

Registration date 03/03/2023

TEST REPORT nr. 23C02066-In-0

CUSTOMER

ARKTIS GLOBAL LLP**7 BELL YARD****WC2A 2JR LONDON UNITED KINGDOM****SAMPLE 23C02066****MATRIX Formulates of drugs or pesticides**

Description provided by Customer: FULLY ENRICHED DISTILLATE FEDc V1 Batch code:: EM80023060A

Extranet request n° N0009/23 - 28/02/2023 13:55:55. - Sampling by: Customer - Transport by: Neotron.

Sample Condition on Receipt: 20°C

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
DETERMINATION OF METALS AND ELEMENTS BY ICP								
Arsenic as As [415]	< LQ			mg/kg	0,005		ICP-MS-PT - ICP mass	06/03/2023 / 07/03/2023
Cadmium as Cd [415]	< LQ			mg/kg	0,005		ICP-MS-PT - ICP mass	06/03/2023 / 07/03/2023
Mercury as Hg [415]	< LQ			mg/kg	0,005		ICP-MS-PT - ICP mass	06/03/2023 / 07/03/2023
Lead as Pb [415]	< LQ			mg/kg	0,005		ICP-MS-PT - ICP mass	06/03/2023 / 07/03/2023

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ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LO	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
Antimony as Sb [415]	< LQ			mg/kg	0,005		ICP-MS-PT - ICP mass	06/03/2023 / 07/03/2023

END TEST REPORT

The original document is a PDF file with Digital Signature: 23C02066-In-0-DigitalSignature.pdf

Notes and method reference:

< LQ: = lower than Quantification Limit.

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. The measurement uncertainty data is not synonymous with a certain form of positivity but only with the performance of the method.

MICROBIOLOGICAL TESTS: for food and environmental samples, the extended measurement uncertainty was estimated according to ISO 19036:2019 Standard and is based on a standard uncertainty multiplied by a coverage factor of K = 2, providing a confidence level of approximately 95%. The combined standard uncertainty was assumed to be equal to the standard deviation of intra-laboratory reproducibility. The results of the microbiological tests are calculated according to the ISO 7218: 2007 / Amd 1: 2013 Standard.

If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively. For microbiological analyses unless differently reported in the individual test methods, in case of analytical steps foreseen in non-activity days of the laboratory, provisions of the ISO 7218: 2007 / Amd.1 2013 Standard (points 11.2 and 10.2.5) or from specific test methods are applied. In the case of quantitative microbiological tests, these have been set up on a single plate according to ISO 7218:2007/Amd.1 2013 par. 10.2.2 unless otherwise expressly requested by current regulations.

In the case of quantitative microbiological tests, these have been set up on a single plate in accordance with ISO 7218:2007/Amd.1 2013 par. 10.2.2 unless otherwise explicitly required by current regulations.

For waters, the measurement uncertainty corresponds to the confidence interval calculated according to ISO 8199: 2018 or to the expanded measurement uncertainty estimated according to ISO 29201: 2012. The results are issued in accordance with ISO 8199: 2018. When the number of colonies detected is <3, the result is expressed as "Microorganisms present in the analyzed volume (N ° colonies detected <3 CFU - reference ISO 8199: 2018, paragraph 9.1.8.4.1)".

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions. It should be noted that each result expressed as '<LQ' does not in any case indicate the absence of the parameter sought in the sample under examination.

LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Any fields not filled in the Test Report are to be considered not applicable.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as non conform.

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified. The test report shows the community MRLs contemplated by Reg 396/2005 and subsequent amendments. The technical staff is available to verify the possibility of use the active substance in Italy on the crop.

In the case of sampling carried out by Neotron, the laboratory applies the Internal Operating Procedure code: NEOT-DIR/ 006/53.

The laboratory disclaims any responsibility for the information provided by the client reported in this Report which may influence the validity of the results.

NOTES OF PARAMETERS:

[415]: Extended uncertainty calculated according to HORWITZ equation using a covering factor equal to 2 which gives a confidence level of 95%.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), – Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

DATA and SAMPLE STORAGE: Test Reports, Raw data, chromatographic paths and instrumental reports are stored for 5 years. One control sample is stored for 2 months.

Data expressed in this test report refer only to the sample tested in the laboratory. The results reported in this Test Report refer to the sample as received. The description or any other reference concerning the sample are declared by the customer. This Test Report cannot be reproduced except in full. Partial reproductions must be authorized in writing by our laboratory.

THE LABORATORY DIRECTOR: DR. ANDREA RIZZO

THE CHEMIST AUTHORIZED TO SIGN THE TEST REPORTS: DR. MARCO MESCHIARI

(IN HIS ABSENCE, THE AUTHORIZED CHEMIST SIGNS DR. BARBARA MALAGOLI)

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Laboratorio Qualificato D.M. 26-2-87 Art. 4 - Legge 46/82 per la Ricerca Applicata e Innovazione Tecnologica.

Regione Emilia Romagna - AUTORIZZAZIONE Autocontrollo N° 008/MO/008

BNN-Monitoring Fruit and Vegetables Approved Laboratory

I-Monitoring EDEKAAG Fruit and Vegetables Registered Laboratory

GMP+ code: GMP051757