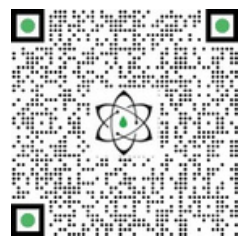




TECHNICAL REPORT

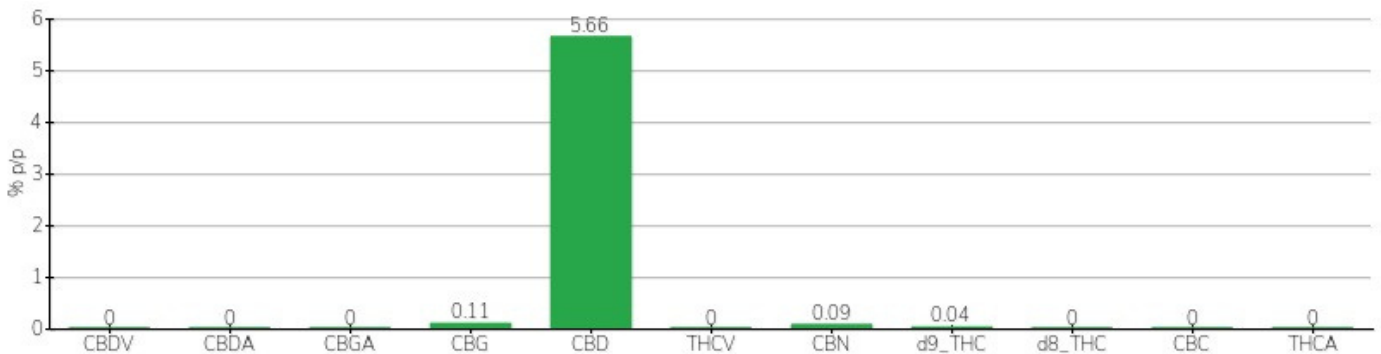


Committente	VALTELLINAMED ITALIA SRL	Etichetta	KANUF FS 1500
Data accettazione	05/11/2024	Tipologia campione	semilavorato
Data analisi	07/11/2024	varietà	NA
Codice riferimento interno	VAT0511.1	N. Cartellino	NA
Metodica analitica	HPLC - HS - Rev.2	Campionamento	a cura del cliente
Lotto	1041R1DK1		

Note

Parametro	% p/p	Metodo
CBDV	<0.01%	HPLC-UV
CBDA	<0.01%	HPLC-UV
CBGA	<0.01%	HPLC-UV
CBG	0.11%	HPLC-UV
CBD	5.66%	HPLC-UV
THCV	<0.01%	HPLC-UV
CBN	0.09%	HPLC-UV
d9_THC	0.04%	HPLC-UV
d8_THC	<0.01%	HPLC-UV
CBC	<0.01%	HPLC-UV
THCA	<0.01%	HPLC-UV
CBD TOTALE	5.66%	CALCOLATO
CBG TOTALE	0.11%	CALCOLATO
THC TOTALE	0.04%	CALCOLATO

CAMPIONE ANALIZZATO: NA(0.00gr)



Pineto

22/11/2024

**SOC. AGR. KANUF Via
Madonnina 3 23030 Chiuro (SO)
P.iva / C.F. 01014140147**

MODENA, li 02/01/2024

Sample arrived on the 15/12/2023

Registration date 18/12/2023

TEST REPORT nr. 23T10692-In-0**SAMPLE 23T10692****MATRIX: Vegetable extracts, medicinal herbs and
by-products.**

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
Aldrin and dieldrin, sum expressed in dieldrin [414]	< LQ			mg/kg	0,050		01(S144) 2022 Rev.16 - GC-MS DES	19/12/2023 / 29/12/2023
Allidochlor	< LQ		95	mg/kg	0,050		* GCMS-Q 2021 Rev.7 - Icms-Q 2017 Rev.1 - LC-MS DES	19/12/2023 / 29/12/2023
Alloxydim	< LQ		98	mg/kg	0,050		* GCMS-Q 2021 Rev.7 - Icms-Q 2017 Rev.1 - LC-MS DES	19/12/2023 / 02/01/2024
Ametoctradin	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Ametryn	< LQ		96	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Amicarbazone	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Amidithion	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Amidosulfuron	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Aminocarb	< LQ		95	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Amisulbrom	< LQ		98	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Ancymidol	< LQ		96	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Anilazine	< LQ		79	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Anilofos	< LQ		98	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Anthraquinone	< LQ		96	mg/kg	0,050		01(S144) 2022 Rev.16 - GC-MS DES	19/12/2023 / 29/12/2023
Aramite	< LQ		94	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Asulame	< LQ		95	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Atrazine	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Atrazine-2-hydroxy	< LQ		68	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Atrazine-desethyl	< LQ		95	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Atrazine-desisopropyl	< LQ		95	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azaconazolo	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azadirachtin	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azamethiphos	< LQ		96	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azimsulfuron	< LQ		101	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azinphos-ethyl	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azinphos-methyl	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Aziprotryn	< LQ		102	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Azocyclotin e Cyhexatin,sum expressed as Cyexatin [414]	< LQ		94	mg/kg	0,050			19/12/2023 / 02/01/2024
Azoxystrobin	< LQ		99	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Beflubutamid	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Benalaxyl, sum of isomers including Benalaxyl-M	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Bendiocarb	< LQ		96	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Benfluralin	< LQ		95	mg/kg	0,050		01(S144) 2022 Rev.16 - GC-MS DES	19/12/2023 / 29/12/2023
Benodanil	< LQ		102	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Benomyl, Carbendazim sum expressed as Carbendazim [414]	< LQ			mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Benoxacor	< LQ		98	mg/kg	0,050		* GCMS-Q 2021 Rev.7 - GC-MS DES	19/12/2023 / 29/12/2023

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**SOC. AGR. KANUF Via
Madonnina 3 23030 Chiuro (SO)
P.iva / C.F. 01014140147**

MODENA, li 02/01/2024

Sample arrived on the 15/12/2023

Registration date 18/12/2023

TEST REPORT nr. 23T10692-In-0**SAMPLE 23T10692****MATRIX: Vegetable extracts, medicinal herbs and
by-products.**

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
Triflumizole: Triflumizole and metabolite FM-6-1(N-(4-chloro-2-trifluoromethylphenyl)-n-propoxyacetamide), expressed as Triflumizole [414]	< LQ			mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Triflumuron	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Trifluralin	< LQ		95	mg/kg	0,050		01(S144) 2022 Rev.16 - GC-MS DES	19/12/2023 / 29/12/2023
Triflurosulfuron-methyl	< LQ		99	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Triforine	< LQ		102	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Triticonazole	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Tritosulfuron	< LQ		99	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Uniconazole	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Valifenalate	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Vamidothion	< LQ		95	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Vinchlozolin	< LQ		96	mg/kg	0,050		01(S144) 2022 Rev.16 - GC-MS DES	19/12/2023 / 29/12/2023
Warfarin	< LQ		100	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
Zoxamide	< LQ		98	mg/kg	0,050		01(S121) 2023 Rev.20 - LC-MS DES	19/12/2023 / 02/01/2024
FUNGICIDES DITHIOCARBAMATES AND THIURAM DISULPHIDE								
Dithiocarbamates, Thiuram-disulfides as CS2 (Analytical technique: GC) [329]	< LQ			mg/kg	0,050		01(S131) 2019 Rev.9 - GC-MS	19/12/2023 / 22/12/2023
DETECTION OF GLYPHOSATE AND METABOLITES AND GLUFOSINATE AMMONIUM								
N-Acetyl glyphosate	< LQ			mg/kg	0,050	*	PEanio 2014 Rev.2 - LC-MS/MS	19/12/2023 / 27/12/2023
Aminomethylphosphonic acid (AMPA)	< LQ			mg/kg	0,050	*	PEanio 2014 Rev.2 - LC-MS/MS	19/12/2023 / 27/12/2023
POLYCYCLIC AROMATIC HYDROCARBONS (PAH) in food (basic level)								
Benzo(a)anthracene	1,0	± 0,5	95	µg/kg	0,50		04(S84) 2023 Rev.8 - GC-MS-MS	19/12/2023 / 22/12/2023
Chrysene	2,3	± 0,7	98	µg/kg	0,50		04(S84) 2023 Rev.8 - GC-MS-MS	19/12/2023 / 22/12/2023
Benzo(b)fluoranthene	1,2	± 0,4	94	µg/kg	0,50		04(S84) 2023 Rev.8 - GC-MS-MS	19/12/2023 / 22/12/2023
Benzo(a)pyrene	0,58	± 0,18	98	µg/kg	0,50		04(S84) 2023 Rev.8 - GC-MS-MS	19/12/2023 / 22/12/2023
Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene (lower bound)	5,08	± 0,97		µg/kg			04(S84) 2023 Rev.8 - GC-MS-MS	19/12/2023 / 22/12/2023

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P.iva / C.F. 01014140147**

MODENA, li 02/01/2024

Sample arrived on the 15/12/2023

Registration date 18/12/2023

TEST REPORT nr. 23T10692-In-0**SAMPLE 23T10692****MATRIX: Vegetable extracts, medicinal herbs and by-products.**

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
AFLATOXINS B1, B2, G1, G2								
Aflatoxin B1	< LQ			µg/kg	0,25		03(S130) 2023 Rev.14 - LC-MS/MS	19/12/2023 / 22/12/2023
Aflatoxin B2	< LQ			µg/kg	0,25		03(S130) 2023 Rev.14 - LC-MS/MS	19/12/2023 / 22/12/2023
Aflatoxin G1	< LQ			µg/kg	0,25		03(S130) 2023 Rev.14 - LC-MS/MS	19/12/2023 / 22/12/2023
Aflatoxin G2	< LQ			µg/kg	0,25		03(S130) 2023 Rev.14 - LC-MS/MS	19/12/2023 / 22/12/2023
Aflatoxins B1, B2, G1, G2, sum [414]	< LQ			µg/kg	0,25		03(S130) 2023 Rev.14 - LC-MS/MS	19/12/2023 / 22/12/2023
Ochratoxin A	< LQ			µg/kg	0,20		03(S130) 2023 Rev.14 - LC-MS/MS	19/12/2023 / 22/12/2023

The original document is a PDF file with Digital Signature: 23T10692-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.

Methods marked with an asterisk (*) are not accredited by ACCREDIA (UNI CEI EN ISO/IEC 17025). The sampling activity is not included within the Scope of Accreditation of Neotron SPA

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MODENA, li 02/01/2024

Sample arrived on the 15/12/2023

Registration date 18/12/2023

TEST REPORT nr. 23T10692-In-0

SAMPLE 23T10692

**MATRIX: Vegetable extracts, medicinal herbs and
by-products.**

NOTES OF PARAMETERS: [333]: Parameter not detectable due to matrix interferences. [329]: Main pesticides belonging to this group: Ferbam, Mancozeb, Maneb, Metiram, Nabam, Propineb, Thiram, Ziram [414]: The sum is calculated through the lower bound criterion. Lower bound concentrations are calculated on the assumption that all the values of the substances below the limit of quantification are zero. [415]: Extended uncertainty calculated according to HORWITZ equation using a covering factor equal to 2 which gives a confidence level of 95%. [524]: The result includes the possible content of Merphos degraded to Tribufos.

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 as from the date of issue of the RdP, with the exception of water and swab samples which will be stored for 1 month from the date of receipt of the sample.

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)

NEOTRON SpA - With Sole Shareholder

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www.neotron.it - neotron@neotron.it

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

GMP+ code: GMP051757