

MODENA, li 21/07/2020

Sample arrived on the 11/06/2020
Registration date 12/06/2020

TEST REPORT nr. 20F08916-In-0

CUSTOMER

ITC-ILTD DIVISION
Grand Trunk Road P.O. box n. 317
522004 GUNTUR INDIA

SAMPLE 20F08916
MATRIX: Packaging

Description provided by Customer: ITC CARTE LUMINA "4"

THE SAMPLE HAS BEEN TAKEN BY THE CUSTOMER. THE TRANSPORT HAS BEEN MADE BY COURIER.
Sample Condition on Receipt: Room temperature

| ANALYSIS DESCRIPTION | RESULT | U | REC. % | UNIT OF MEASURE | LQ | LD | METHOD | ANALYSIS BEGINNING DATE / ENDING DATE |
|--|--|-------|--------|-----------------------|-------|----|---|---------------------------------------|
| Composition requirements for paper and cardboard intended for food products (D.M. 21/03/1973 and following updatings and amendments.) | | | | | | | | |
| Fillers | 5,5 | ± 0,3 | | g/100 g on dry matter | 0,1 | | DM 21/03/73 GU N°104 del 20/04/73 sezione 6 | 17/06/2020 / 01/07/2020 |
| Auxiliary substances | 4,0 | ± 0,5 | | g/100 g on dry matter | 0,5 | | DM 21/03/73 GU N°104 del 20/04/73 sezione 6 | 17/06/2020 / 01/07/2020 |
| Fibre materials | 90,5 | ± 0,9 | | g/100 g on dry matter | | | DM 21/03/73 GU N°104 del 20/04/73 sezione 6 | 17/06/2020 / 01/07/2020 |
| Moisture paper and cardboard | 6,9 | ± 0,2 | | g/100 g | 0,1 | | DM 21/03/73 GU N°104 del 20/04/73 sezione 6 | 17/06/2020 / 01/07/2020 |
| Requirements for paper and cardboard intended for food products (D.M. 21/03/1973 and following updatings and amendments). | | | | | | | | |
| Determination of the fastness of fluorescent whitened paper and board EN 648) | | | | | | | * EN 648 - 2019 | 17/06/2020 / 01/07/2020 |
| | With reference to the standard UNI EN 648 both sides of the sample shows: - in water: fastness 5 - in acetic acid 3% (m/v): fastness 5 - in alkaline salt solution: fastness 5 - in vegetable oil: fastness 5 By procedure A for long duration contact: 24h (23+/-2) °C (Index 1 = weak fastness; Index 5 = good fastness) | | | | | | | |
| Migration of formic aldehyde in water - Limite (D.M. 21/03/1973 e smi): 0,5 | < LQ | | | mg/dm2 | 0,03 | | * MS-HCHO 2014 Rev.1 | 17/06/2020 / 29/06/2020 |
| Migration of Phenols and Cresols in water - Limite (D.M. 21/03/1973 e smi): 0,2 | < LQ | | | mg/dm2 | 0,04 | | * MS-FENOLI 2014 Rev.1 - UV-VIS | 17/06/2020 / 25/06/2020 |
| Migration of lead in acetic acid 3% at 40°C for 24 hours - Limite (D.M. 21/03/1973 e smi): 3 | 0,10 | | | µg/dm2 | 0,1 | | 05(ICP-MS) 2018 Rev.3 | 17/06/2020 / 01/07/2020 |
| PCB-15 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-18 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-20 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-28 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-35 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-52 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-77 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-101 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-118 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-126 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-138 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-153 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-169 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |

Continued...

NEOTRON SpA - With Sole Shareholder

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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 EDEKA AG Fruit and Vegetables Registered Laboratory

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|----------------------|--------|---|--------|-----------------|-------|----|----------------------------------|---------------------------------------|
| PCB-180 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-194 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |
| PCB-209 | < LQ | | | mg/kg | 0,005 | | * PCB-carton 2014 Rev.2 - GC-ECD | 17/06/2020 / 21/07/2020 |

END TEST REPORT

The original document is a PDF file with Digital Signature: 20F08916-In-0-DigitalSignature.pdf

Notes and method reference:

Analysis performed on the sample as it is.

< LQ: = lower than Quantification Limit.

DECISIONAL RULE: Unless otherwise stated by Standards or Legal Requirements or by specific customer requests, the following rule regarding measurement uncertainty applies: the sample is considered non-compliant in the event that the extent of exceeding the maximum permitted limit is greater than the measurement uncertainty (R-U> LM). The uncertainty reported in the Test Report is considered.

R = Result

U = extended measurement uncertainty

LM: Maximum limit

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. For microbiological detections it is reported either the lower and the upper bounds of the confidence interval with a probability of 95% K=2 or the confidence interval itself. Please note that results expressed as '<LQ' may not indicate the absence of the searched parameters in the sample.

Results coming from microbiological tests are calculated according to the Standard ISO 7218:2007/Amd 1:2013. 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, unless differently reported in the single methods, in case of analytical steps foreseen in non-activity days of the laboratory, provisions from the standard ISO 7218: 2007/Amd.12013 (items 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 in accordance with ISO 7218:2007/Amd.1 2013 par. 10.2.2 unless otherwise explicitly required by current regulations.

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions.

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

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.

In the case of sampling carried out by Neutron, 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 Neutron SPA

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.

Approved by Analysis Manager - laboratory LMAA-Nut
Approved by Analysis Manager - laboratory GC-MICRO

LABORATORY MANAGER: DR. ALBERTO GATTI -

Approved by Analysis Manager - laboratory PCK

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