

DIVISIONE: **FOOD PACKAGING MATERIALS** LABORATORIO: **FOOD CONTACTS**
 DIVISION: **FOOD PACKAGING MATERIALS** LABORATORY:

RAPPORTO DI PROVA <i>(Test Report)</i>		Pag. 1
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N°	1322\FPM\FDC\15	Data: 27/11/2015
		Date:

 IDENTIFICAZIONE E DESCRIZIONE DEL CAMPIONE:
 SPECIMEN DESCRIPTION:

PAN Cm 24 art OL6324 OLIVILLA GREEN

 DATI IDENTIFICATIVI DEL CLIENTE:
 CLIENT:

ILLA SpA
 VIA GHISOLFI GUARESCHI, 17
 43015 NOCETO (PR)

 NORMA DI RIFERIMENTO:
 REFERENCE STANDARD:

 FDA VOL. 21, CAP. 177.1550.

DISTRIBUZIONE ESTERNA: OUTSIDE DISTRIBUTION: <p style="text-align: center;">ILLA SpA</p>	DISTRIBUZIONE INTERNA: INSIDE DISTRIBUTION: <p style="text-align: center;">Copy to Division Head</p>
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 ENTE DI ACCREDITAMENTO:
 ACCREDITATION BODY:

Mod.37 - Rev.9 - Società a Stato Unico soggetto ad attività di direzione e coordinamento di IMQ spa

GENERALITIES

- Sample receiving date: 27/10/2015
- Analysis start date: 29/10/2015
- Analysis end date: 25/11/2015
- Deviation from test methods: NO

SAMPLE DESCRIPTION

PAN Cm 24 art OL6324 OLIVILLA GREEN

SAMPLING

The initial sampling has been done by the customer.
The sampling for the test has been done drawing casually part of the sample in our possession.

DECLARATION

The test results of the present report are related exclusively to the tested sample.
The present test report cannot be partially reproduced without the authorization of CSI managing Director.
The uncertainties are estimated as extended uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally, this factor = 2.

PERFORMED DETERMINATIONS**1) VERIFICATION OF THE SUITABILITY TO CONTACT WITH FOODSTUFF ACCORDING TO FEDERAL REGULATIONS, FDA (FOOD AND DRUG ADMINISTRATION), VOL. 21, CAP. 177.1550****Simulant liquid and contact conditions:**

Distilled water:	2 hours at reflux temperature
Ethanol 50 % v/v	2 hours at reflux temperature
n-heptane:	2 hours at reflux temperature
Ethyl-acetate:	2 hours at reflux temperature

Fluoride extractives

The determination of the fluoride in the sample has been made by IC (Ion Chromatography) technique with METROHM Separation Center 820 instrument.

RESULTS

1) VERIFICATION OF THE SUITABILITY TO CONTACT WITH FOODSTUFF ACCORDING TO FEDERAL REGULATIONS, FDA (FOOD AND DRUG ADMINISTRATION), VOL. 21, CAP. 177.1550

The values obtained with foodstuffs simulants, according to **FDA 177.1550** and expressed in **mg/in²**, are reported in the following table.

PAN CM 24 ART OL6324 OLIVILLA GREEN			
Contact simulant	Test conditions	Measured Value	Limit Value
Distilled water	2 hours at reflux	< 0.02	0.20
Ethanol 50 % v/v	2 hours at reflux	< 0.02	0.20
n-heptane	2 hours at reflux	< 0.02	0.20
Ethyl-acetate	2 hours at reflux	0.14 ± 0.04	0.20

Fluoride extratives

PAN CM 24 ART OL6324 OLIVILLA GREEN		
contact simulant	fluoride mg/in²	Limit value
Distilled water	0.012 ± 0.005	0.03
Ethanol 50 % v/v	< 0.01	0.03
n-heptane	< 0.01	0.03
Ethyl-acetate	< 0.01	0.03



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Opinions and interpretations - not object of ACCREDIA accreditation.

CONCLUSIONS

In the chosen test condition the sample **PAN Cm 24 art OL6324 OLIVILLA GREEN** is suitable to be used in contact with food, according to FDA VOL. 21, CAP. 177.1550.

The compliance doesn't refers to the compositional requirements of the tested sample which are, or remain, under the customer responsibility.

Date
27/11/2015

Division Head
Alberto Taffurelli

Managing Director
Raoul Gatti