

DIVISIONE: **PHYSICAL-CHEMISTRY**
DIVISION:

LABORATORIO: **PACKAGING**
LABORATORY:

RAPPORTO DI PROVA <i>(Test Report)</i>	Pag. 1 di/of pag. 3
N° 344b/LCF/PKG/04	Data: 30/06/04 Date:

IDENTIFICAZIONE E DESCRIZIONE DEL CAMPIONE:
SPECIMEN DESCRIPTION:

**COLORIT 34997 SILK-SCREEN PRINTED CORKS,
SEAL H37 D.21.6, LIGHT BROWN**
(This is an English translation of report nr254b/LCF/PKG/04)

DATI IDENTIFICATIVI DEL CLIENTE:
CLIENT:

OREMPLAST S.R.L.
Via Martiri della Libertà, 60
48024 MASSA LOMBARDA (RA)

NORMA DI RIFERIMENTO:
REFERENCE STANDARD:

FDA 21 cfr. § 177.1210 and FDA 21 cfr. § 177.1520

DISTRIBUZIONE ESTERNA:
OUTSIDE DISTRIBUTION:

OREMPLAST S.R.L.
To Mr.Filippo Casadei Elli

DISTRIBUZIONE INTERNA:
INSIDE DISTRIBUTION:

copy to: Division Head

ENTE DI ACCREDITAMENTO:
ACCREDITATION BODY:



GENERALITIES:

Date sample receipt: 07.05.04
Date Analysis beginning : 11.05.04
Date Analysis end: 28.05.04

Deviation from test methods: **NO**

SAMPLES DESCRIPTION :

COLORIT 34997 SILK-SCREEN PRINTED CORKS, SEAL H37 D.21.6, LIGHT BROWN

SAMPLING

The initial sampling has been done by the customer.
The test sampling has been done drawing casually corks from the samples 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.

PERFORMED DETERMINATIONS:

1) Verification of the suitability to come into contact with foods according to Federal Regulations FDA (Food and Drugs Administration), of 1st April 1999, vol 21, Part. §177.1210.

Determination of the maximum extractable fraction in ethanol 8% v/v at 120 °F for 24 hours

2) Verification of the suitability to come into contact with foods according to Federal Regulations FDA (Food and Drugs Administration), of 1st April 1999, vol 21, Part §177.1520.

Determination of the maximum extractable fraction in n-hexane at 50°C: a known quantity of sample is extracted at 50°C for 2 hours and after there is an hot filtration. The filtrated is concentrated until dry and the residue is weighed.

Determination of the maximum extractable fraction in xilene after extraction at reflux temperature for 2 hours and filtration at 25°C.

RESULTS:

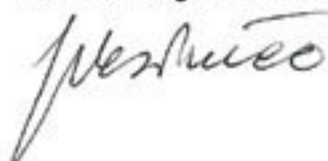
1) The values of migrations, obtained the alcoholic simulant, according to **FDA §177.1210** (Food and Drugs Administration) expressed as mg/square inch, are reported in the following table.

COLORIT 34997 SILK-SCREEN PRINTED CORKS, SEAL H37 D.21.6, LIGHT BROWN			
Food simulant	Test conditions	Measured value	Limit value
8% v/v ethyl alcohol	120 °F for 24 hour	0,07 mg/in ²	< 0.5 mg/in ²

2) the maximum extractable fractions in n-hexane according to FDA FDA §177.1520 are reported in the following table:

COLORIT 34997 SILK-SCREEN PRINTED CORKS, SEAL H37 D.21.6, LIGHT BROWN			
Maximum extractable fraction in n-hexane		Maximum extractable fraction in xylene	
Measured value	Limit value	Measured value	Limit value
3.3 %	5.5 %	6.9 %	30 %

 RESP. DIV. CHIMICA-FISICA
 Division Head
 Dr. Gianluigi VESTRUCCI



 RESP. CENTRO
 Managing Director
 Ing. Pasqualino CAU

