

DIVISIONE:
 DIVISION: TESTING-CERTIFICAZIONE

 LABORATORIO:
 LABORATORY: Food Contact

RAPPORTO DI PROVA <i>(Test Report)</i>		Pag. 1 di/of
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N°	0082\FPM\FDC\16_3 Rev. 1	Data: 07/03/2016 Date:

 IDENTIFICAZIONE E DESCRIZIONE DEL CAMPIONE:
 SPECIMEN DESCRIPTION:

SPARK1 Closure for still and mineral waters, soft drinks, fruit juices- white
 Raw material: RPEHD37 White=8620 1%

 DATI IDENTIFICATIVI DEL CLIENTE:
 CLIENT:

 NORMA DI RIFERIMENTO:
 REFERENCE STANDARD:

D.P.R. 777 dated 23/08/1982, D.L. 108 dated 25/01/1992, D.M.34 dated 21/3/73
 Regulations 1935/2004/EC GUCE L 338 dated 13/11/04 and 1895/2005/EC GUCE L 302 dated 19/11/2005.
 Regulation 10/2011/EU, GUUE L 12 del 15/01/2011, and subsequent updatings.

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 OUTSIDE DISTRIBUTION:

 DISTRIBUZIONE INTERNA:
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 ENTE DI ACCREDITAMENTO:
 ACCREDITATION BODY:


LAB N°0006
 Signatory of EA, IAF and ILAC
 Mutual Recognition Agreements



RAPPORTO DI PROVA
(Test Report)

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N° 0082\FPM\FDC\16_3 Rev. 1

Data: 07/03/2016
Date:

GENERALITIES

- Sample receiving date: 20/01/2016
- Analysis start date: 21/01/2016
- Analysis end date: 11/02/2016
- Deviation from test methods: NO

SAMPLE DESCRIPTION

SPARK1 Closure for still and mineral waters, soft drinks, fruit juices- white
Raw material: RPEHD37 White=8620 1%

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.

(*)Not under ACCREDIA accreditation.

PERFORMED DETERMINATIONS

1) DETERMINATION OF THE OVERALL MIGRATION

Verification of the suitability of articles and materials to be employed in contact with foodstuffs, according to D.P.R. 777 dated 23/08/1982, D.L. 108 dated 25/01/1992, D.M.34 dated 21/3/73 Regulations 1935/2004/EC GUCE L 338 dated 13/11/04 and 1895/2005/EC GUCE L 302 dated 19/11/2005.

Regulations 10/2011/EU and update.

UNI EN 1186-1:2003 + UNI EN 1186-2:2003.

Test Solution	Sampling Condition
Acetic acid in aqueous solution 3% w/v	10 days at 40°C
Ethanol 50% v/v	10 days at 40°C

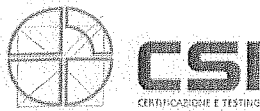
Migration test was carried out by **Total Immersion**. LOD (limit of detection): 1 mg/article.

This test report supersedes test report 0082\FPM\FDC\16, dated 19/02/2016



LAB 00006
Simulatore di EA, IAF and ILAC
Mutual Recognition Agreements





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Data: 07/03/2016
Date:

2) DETERMINATION OF THE COLOURING MIGRATION

Determination of the colouring migration agents from the tested material into liquids obtained from migration test by spectrophotometric analysis in the spectral range 400 - 750 nm, with 10 cm optical path cell for the aqueous simulants and 1 cm for oily simulant according to DM n. 34 dated 21.3.73 (O.S. of the Official Gazette n. 104 dated 20 of April 1973) and subsequent updating.

LOD (limit of detection): 0.05%.

Limit minimum 95% transmittance (T%).

RESULTS

1) DETERMINATION OF THE OVERALL MIGRATION

SPARK1 Closure for still and mineral waters, soft drinks, fruit juices- white
Food simulant: Acetic acid in aqueous solution 3% w/v
Contact conditions: 10 days at 40°C
Average value ± extended uncertainty
<1 mg/cap
Reference Value according to EU Reg. 10/2011: 60+12mg/kg

SPARK1 Closure for still and mineral waters, soft drinks, fruit juices- white
Food stimulant: Ethanol 50% v/v
Contact conditions: 10 days at 40°C
Average value ± extended uncertainty
<1 mg/cap
Reference Value according to EU Reg. 10/2011: 60+12mg/kg