



Advanced Laboratory for Analysis Research and Nanotechnology

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MIGRATION TESTING

Migration tests specifically for Zinc have been carried out on polymeric samples named S14-053, S14-054, S14-067, S14-068, S14-237 and S14-274, according to "*D.M. regulation 21/03/1973 and updating*". The tests aim at the determination of how a particular material may affect foodstuff by the prolonged contact of these foodstuffs with different food simulants. In this case simulants A (aqueous simulant) and B (alcoholic simulant) have been used.

The regulation foresees that contact must last for 2 hours in a thermostated oven at 70 °C. The simulant is then removed from the plastic material and the specific migration of Zinc is determined through ICP analysis. The test requires the result expressed in milligrams for the migrant (mg) per surface unit (dm²).

The tests carried out following the "*D.M. regulation 21/03/1973 and updating*" and reported on the Chemical Center S.r.l. Analysis Reports n. 067, 068, 069, 070, 071 and 072 in 2014 have not evidenced any migration in the processed samples.

Il Responsabile scientifico

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