

RF: 21546/N3.13/DG

Date: 07 October 2013

CERTIFICATE OF ANALYSIS

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1. Client : Chansin Co., Ltd
2. Declared name of sample : PET WHITE SHEET
3. Number of sample : 01
4. Submitted on : 19 Sep 2013
5. Criteria : QCVN 12-1:2011/BYT- National technical regulation on safety and hygiene for plastic containers and packaging in direct contact with foods

6. TEST RESULTS

	Characteristic	Test result	Maximum permitted level
6.1	Appearance		-
6.2	Identification of plastic	Polyethylene terephthalate	-
6.3	Total residue extracted from the sample into, µg/mL		
	- Distilled water, 60 °C, 30 min.	< 5.0	30
	- Acetic acid 4 % (v/v), 60 °C, 30 min.	5.5	
	- Ethanol 20 % (v/v), 60 °C, 30 min.	< 5.0	
	- N-heptane, 25 °C, 60 min.	< 5.0	
6.4	KMnO ₄ consumed in distilled water at 60°C, 30 min, µg/mL	0.5	10
6.5	Extracts content in the acetic acid 4% (v/v) at 60°C, 30 min, µg/mL		
	- Antimony (Sb)	< 0.02	0.05
	- Germanium (Ge)	< 0.02	0.1
	- Heavy metals as lead (Pb)	< 1	1
6.6	Metals content in the material, µg/g		
	- Lead (Pb)	< 4.0	100
	- Cadmium (Cd)	< 0.5	100

7. Remark: The obtained test result of the above sample has conformed to the requirements stated at item 5 for the PET sheet intended to come into direct contact with foods.

F.N: This certificate is valid for the above sample only.

Recipients:

- The company mentioned above;
- Archives: NV3



M01-QTGD 31:2013