



## Test Report no.F690101/LF-CTSAYAR20-03210

Date: 2020. 12. 08

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### LOTTE CHEMICAL CORPORATION

300,,Olympic-ro,  
Songpa-gu,,Seoul,  
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

**SGS File No.** : AYAR20-03210  
**Sample Description** : LOTTE CHEMICAL COOL  
**Style No./Item No.** : LOTTE CHEMICAL COOL  
**Received Date** : 2020. 11. 27  
**Test Period** : 2020. 11. 27 to 2020. 12. 08  
**Test Result(s)** : For further details, please refer to following page(s)

### Result Summary

Test item(s)	Conclusion
US FDA 21 CFR 177.1630 (Polyethylene phthalate polymer) - Determination of Amount of Net Chloroform Soluble Extractives (The tests were conducted by applicant's request.)	PASS

SGS Korea Co., Ltd.

Jerry Jung / Technical Manager

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Sample Number : AYAR20-03210.001

Product Name : LOTTE CHEMICAL COOL

Materials : PET

### Test Result

#### US FDA 21 CFR 177.1630 - Determination of Amount of Net Chloroform Soluble Extractives

Method : With reference to US FDA 21 CFR 177.1630(f),(g)

#### FDA 21 CFR 177.1630

Extractions	Test Condition	Unit	Reporting Limit	Result	Permissible Limit
Distilled Water	250°F for 2 hours	mg/inch <sup>2</sup>	0.1	N.D.	0.5
n-Heptane	150°F for 2 hours	mg/inch <sup>2</sup>	0.1	N.D.	0.5
50% Ethanol	120°F for 24 hours	mg/inch <sup>2</sup>	0.1	0.16	0.5

- Notes:
- (1) N.D. = Not detected. (<MDL)
  - (2) mg/inch<sup>2</sup> = milligram per square inch
  - (3) The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report is not related to Korea Laboratory Accreditation and KS Q ISO/IEC 17025.
  - (4) Verify for authenticity and validity in web site : [https://twap.sgs.com/sgsrsts\\_cloud](https://twap.sgs.com/sgsrsts_cloud)

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Picture of Sample as received :



**AYAR20-03210.001**

\*\*\* End of Report \*\*\*

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