



Test Report No. F690101/LF-CTSAYAA13-11487 Issued Date: March 15, 2013 Page 1 of 3

To: **LG CHEM, LTD.**
71-1
Hwachi-dong
Yeosu-si
Jeonnam
Korea

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

Product Name : Keyflex BT1172D
SGS File No. : AYAA13-11487
Item No./Part No. : N/A
Received Date : March 06, 2013
Test Performing Date : March 07, 2013 to March 15, 2013
Test Performed : SGS Korea tested the sample(s) selected by applicant with following results
Test Result(s) : For further details, please refer to following page(s)

Result Summary :	Test Requested	Conclusion
	US FDA 21 CFR 177.2600 (Rubber Articles) Determination of Amount of Extractives (As per client's request)	PASS

Junghwa Lee
/Testing Person

SGS Korea Co., Ltd.

Jeff Jang / Lab manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.html. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.



Test Report No. F690101/LF-CTSAYAA13-11487 Issued Date: March 15, 2013 Page 2 of 3

Sample No. : AYAA13-11487.001
Sample Description : Keyflex BT1172D
Item / Part No. : N/A

Test result(s) :
US FDA 21 CFR177.2600 (Rubber Articles) – Determination of Amount of Extractives
Method : With reference to US FDA 21 CFR 177.2600

For use in contact with aqueous foods:

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
Distilled Water	Reflux temperature for 7 hours	N.D	0.1	20
	Succeeding 2 hours of extraction	N.D	0.1	1
Comment	--	PASS	--	--

For use in contact with fatty foods:

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
n-Hexane	Reflux temperature for 7 hours	0.29	0.1	175
	Succeeding 2 hours of extraction	0.12	0.1	4
Comment	--	PASS	--	--

Note : 1. mg/inch² = milligram per square inch
2. N.D = Not Detected.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.html. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Picture of Sample as Received :



*** End ***