

Test Report 5266063

Date : 23-May-2022

Page 1 of 3

Client : Kellogg (Thailand) Ltd.
Eastern Seaboard Industrial Estate (Rayong) 60 Moo 4, T. Pluak-Daeng
A. Pluak-Daeng Rayong 21140 Thailand

The following sample(s) was/were submitted and identified by client as:

Sample Name : CORN FLAKES
 Sample Description : Cereal product
 Sample Code/Reference : FNG2022-05-109
 Mark / Reference : CORN FLAKES
 MFD. : 17-05-22
 EXP. : 17-05-23

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5490617
 Sample Condition : Sample is contained in a plastic bag tied with a knot.
 Qty.Submitted : 3 bags
 Date Received : 17-May-2022 Date Commenced : 17-May-2022

Test Items	Method	LOD	LOQ	Results	Units
Aerobic Plate Count	FDA BAM Online, 2001 (Chapter 3)	-	-	60	CFU/g
Coliforms	AOAC (2019) 991.14	-	-	Less than 10	CFU/g
Molds	FDA BAM Online, 2001 (Chapter 18)	-	-	10	CFU/g
<i>Staphylococcus aureus</i>	FDA BAM Online, 2016 (Chapter 12)	-	-	Not detected	Per 0.1g
<i>Salmonella spp.</i>	ISO 6579-1 : 2017/Amd. 1:2020	-	-	Not detected	Per 375g
<i>Bacillus cereus</i>	FDA BAM Online, 2020 (Chapter 14)	-	-	Less than 10	CFU/g
<i>E.coli</i>	AOAC (2019) 991.14	-	-	Less than 10	CFU/g
Enterobacteriaceae	ISO 21528-2 : 2017	-	-	Less than 10	CFU/g

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Unless otherwise stated the results shown in this test report refer only to the sample(s) received and such sample(s) are retained for 15 days only.

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Test Items	Method	LOD	LOQ	Results	Units
Lead (Pb)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	0.02	0.03	Not detected	mg/kg
Arsenic (As)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	0.01	0.03	Not detected	mg/kg
* Antimony (Sb)	Based on AOAC (2019) 999.10	0.30	1.00	Not detected	mg/kg
Cadmium (Cd)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	0.01	0.03	Not detected	mg/kg
Mercury (Hg)	In-house method SOP LBCH-08480 based on USEPA, February 2007, Method 7473, Mercury Analyzer	0.004	0.01	Not detected	mg/kg
Tin (Sn)	In-house method SOP No. LBCH-13532 based on AOAC (2019) 999.10 and 2011.14	0.01	0.35	Not detected	mg/kg
Multi- mycotoxins (Aflatoxin)	In-house method SOP No.LBLC-18004 based on QuEChERS method of Thermo Fisher Scientific Manual, Application Note No.21121. , HPLC-MS-MS				
-Aflatoxin B1		0.25	0.50	Less than 0.50	ug/kg
-Aflatoxin B2		0.25	0.50	Not detected	ug/kg
-Aflatoxin G1		0.25	0.50	Not detected	ug/kg
-Aflatoxin G2		0.25	0.50	Not detected	ug/kg
-Total Aflatoxin		-	-	Less than 0.50	ug/kg

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Test Items	Method	LOD	LOQ	Results	Units
Multi- mycotoxins (Ochratoxin A)	In-house method SOP No.LBLC-18004 based on QuEChERS method of Thermo Fisher Scientific Manual, Application Note No.21121. , HPLC-MS-MS				
-Ochratoxin A		0.25	0.50	Not detected	ug/kg

Remark : 1. LOD = "Limit of Detection"
 2. Less than = Lower than LOQ "Limit of Quantitation"

Test(s) marked * on this Report are not included in the BLQS DMSQ Accreditation Scope.

**Signed for and on behalf of
 SGS (Thailand) Limited**

**Jirapan Vilaipol
 Microbiological Lab Manager**

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

新祥紀食品有限公司

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