

Certificate Of Analysis

FRYING PAN SET 3PCS ALU

**Report number 170506870-319180-1****Print date: 2019-10-24**

Applicant:	Koopman International
Country:	The Netherlands
Article description:	FRYING PAN SET 3PCS ALU
Item number:	170506870
Order number:	319180
Date of article received:	augustus 30, 2019
Testing Completed:	oktober 24,2019
Order type:	Purchase Order
EAN code:	8719202215250

Conclusion: Passed

The test results only apply to the tested specimens

Signed for and on behalf of Koopman International B.V.


Koopman International B.V.
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Chemist & Technologist.

Koopman International BV has a verified Bureau Veritas procedure of Laboratory Testing and a Bureau Veritas verification of REACH compliance. The test itself and the associated report is reviewed by Koopman International BV.





Summary of tested parts.

Part(s) description:

handle
non stick coating PTFE
(The test results for the above part(s) are found at the next pages)

	Result	Units	Spec rule	Min	Max
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Part description: non stick coating

Formaldehyde migration

according to: LFGB & Regulation (EC) 1935/2004 on Food Contact Materials.

testing conditions: EN 13130 part 23, 2 hours 100°C in 3% acetic acid

Formaldehyde migration	0.0	ppm	Result <= MAX		15
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Phthalates

according to: Regulation (EU) 10/2011 on phthalates content.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		10
DIBP	0		Result <= MAX		1000
DBP	0		Result <= MAX		500
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	0		Result <= MAX		1000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000
DINP	0		Result <= MAX		1000
DIDP	0		Result <= MAX		1000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

FCM restricted components

according to: Regulation (EU) 10/2011

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

	Result	Units	Spec rule	Min	Max
Bisphenol A	Not Detected		Result <= MAX		0.1
Triclosan 1	Not Detected		Result <= MAX		1000

Metal migration from plastics

according to: Regulation (EU) 10/2011 and "de nederlandse warenwet"

testing conditions: 3% Acetic acid, 100°C, 2 hours.

Al	0.08	mg/kg-simulant	Result < MAX		60
Ba	0.00	mg/kg-simulant	Result < MAX		1
Cd	0.00	mg/kg-simulant	Result < MAX		60
Co	0.00	mg/kg-simulant	Result < MAX		0,05
Cr	0.00	mg/kg-simulant	Result < MAX		60
Cu	0.00	mg/kg-simulant	Result < MAX		5
Fe	0.00	mg/kg-simulant	Result < MAX		48
Li	0.00	mg/kg-simulant	Result < MAX		0,6
Mg	0.00	mg/kg-simulant	Result < MAX		60
Mn	0.00	mg/kg-simulant	Result < MAX		0,6
Ni	0.000	mg/kg-simulant	Result < MAX		60
Pb	0.00	mg/kg-simulant	Result < MAX		60
Zn	0.00	mg/kg-simulant	Result < MAX		25

PAA

according to: Regulation (EU) 10/2011

testing conditions: 3% Acetic acid, 100°C, 2 hours.

4-Aminobiphenyl	0.0	ppb	Result <= MAX		10
Aniline	0.0	ppb	Result <= MAX		10
o-Anisidine	0.0	ppb	Result <= MAX		10
Benzidine	0.0	ppb	Result <= MAX		10
4-Chloro-Aniline	0.0	ppb	Result <= MAX		10
4-Chloro-o-Toluidine	0.0	ppb	Result <= MAX		10
24-Dimethylaniline	0.0	ppb	Result <= MAX		10
26-Dimethylaniline	0.0	ppb	Result <= MAX		10
44-Methylenedianiline	0.0	ppb	Result <= MAX		10
44-Methylenedi-o-toluidine	0.0	ppb	Result <= MAX		10

	Result	Units	Spec rule	Min	Max
2-Methoxy-5-Methylaniline	0.0	ppb	Result <= MAX		10
m-Phenylenediamine	0.0	ppb	Result <= MAX		10
p-Phenylenediamine	0.0	ppb	Result <= MAX		10
4-Methoxy-m-phenylenediamine	0.0	ppb	Result <= MAX		10
o-Toluidine	0.0	ppb	Result <= MAX		10
44-Diaminodiphenylether	0.0	ppb	Result <= MAX		10
24-Toluenediamine	0.0	ppb	Result <= MAX		10
26-Toluenediamine	0.0	ppb	Result <= MAX		10
33-Dimethylbenzidine	0.0	ppb	Result <= MAX		10
245-Trimethylaniline	0.0	ppb	Result <= MAX		10
Total PAA	0.0	ppb	Result <= MAX		10

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
UV-350	Not Detected		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000





	Result	Units	Spec rule	Min	Max
13 Propanesultone	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Detected		Result <= MAX		1000000
4-tert-Amylphenol	Not Detected		Result <= MAX		1000000
4-n-Heptylphenol	Not Detected		Result <= MAX		1000000

BPA migration

according to: Regulation (EU) 10/2011

testing conditions: 3% Acetic acid, 100°C, 2 hours and analysis on LC-MS.

Bisphenol-A	0.00	ppm	Result <= MAX		0.05
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Part description: handle**Heavy metals content**

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	10	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	0		Result <= MAX		1000000
DIHpP	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIHxP	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000

PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

Benzo a pyrene	Not Detected		Result <= MAX		0.5
Benzo a anthracene	Not Detected		Result <= MAX		0.5
Chrysene	Not Detected		Result <= MAX		0.5
Benzo b fluoranthene	Not Detected		Result <= MAX		0.5

	Result	Units	Spec rule	Min	Max
Benzo k fluoranthene	Not Detected		Result <= MAX		0.5
Dibenz ah anthracene	Not Detected		Result <= MAX		0.5
Benzo j fluoranthene	Not Detected		Result <= MAX		0.5
Benzo e pyrene	Not Detected		Result <= MAX		0.5
Indeno 123cd pyrene	Not Detected		Result <= MAX		0.5
Benzo ghi perylene	Not Detected		Result <= MAX		0.5
Acenaphthylene	Not Detected		Result <= MAX		10
Acenaphthene	Not Detected		Result <= MAX		10
Fluorene	Not Detected		Result <= MAX		10
Phenanthrene	Not Detected		Result <= MAX		10
Anthracene	Not Detected		Result <= MAX		10
Fluoranthene	Not Detected		Result <= MAX		10
Pyrene	Not Detected		Result <= MAX		10
Naphthalene	Not Detected		Result <= MAX		2
sum of 7 PAH	0	ppm	Result <= MAX		10
sum of 18 PAH	0	ppm	Result <= MAX		10
Anthracene oils and pastes	0	ppm	Result <= MAX		1000000
Coal tar	0	ppm	Result <= MAX		1000000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0



	Result	Units	Spec rule	Min	Max
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1,0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0

PCB

according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols

according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5



	Result	Units	Spec rule	Min	Max
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SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
12 Dichloroethane	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
123 Trichloropropane	Not Detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
4 tert Octylphenol	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarbolic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphthalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
UV-350	Not Detected		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not Detected		Result <= MAX		1000000
4-tert-Amylphenol	Not Detected		Result <= MAX		1000000
4-n-Heptylphenol	Not Detected		Result <= MAX		1000000



*** END OF REPORT ***

