

Test Report

No. CANEC1714247902

Date: 31 Jul 2017

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DONG GUAN UGET PLASTICS CO.,LTD

TANKENG 3RD IND ZONE HENGLI TOWN DONGGUAN CITY

The following sample(s) was/were submitted and identified on behalf of the clients as : TPU RESIN

SGS Job No. : CP17-040999 - SZ
 Model No. : TPU PELLET
 Client Ref. Info. : Please see remark
 Date of Sample Received : 24 Jul 2017
 Testing Period : 24 Jul 2017 - 28 Jul 2017
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Violet

Violet, Shi
 Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
 Guangzhou Branch Testing Center Chemical Laboratory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN17-142479.001	Green plastic grains

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Naphthalene(NAP)	91-20-3	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	mg/kg	0.1	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	mg/kg	-	ND



SGS-CSTC Shanghai Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Item(s)

CAS NO.

Unit

MDL

001

Sum of 18 PAHs

-

mg/kg

-

ND

AFPS (German commission for Product Safety) : GS PAHs requirements

Parameter	Category 1	Category 2		Category 3	
	Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Materials not falling under category 1 with foreseeable contact to skin for longer than 30 s (long-term skin) or frequent contact.		Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 s (short-term skin contact).	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
Benzo(a)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene Mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Acenaphthylene, Acenaphthene, fluorene, phenanthrene, pyrene, anthracene, fluoranthene, mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene, mg/kg	< 1	< 2		< 10	
Sum of 18 PAHs	<1	< 5	< 10	< 20	< 50



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Remark:

A-80A A-83A A-85A A-90A A-95A A-98A A-60D A-64D A-72D A-82AQD8
 LW85AQD8 LW92AQD8 A-95AQD8 A-98AQD8 A-55DQD8(9) A-60DQD8
 A-64DQD8(9) A-72DQD8 B80AY B82AY B85AY B90AY B92AY RT90AH B95AYS
 B90A B95A B98A B64D B64DY B68D B-95A(S) BC85A BC90A BC92A BC95A
 C0-80AH C0-85AHU C0-90AHU C0-95AHU C0-95A C-85A C-90A C-95A C-98A
 C-60D C-64D C1-66D C-71D E-285A E-290A E-295A(T) E-298A E-475A E-485A
 D/E-485A E-490A E-495A E-98A E-60D E-80A EV-85A EV-90A EV-95A EW-80A
 EW-83A EW-85A EW-90A EW-95A EW-98A EW-53D EW-75AP EW-80AP EW-95AP
 V-80A(P) V-85A V-90A V-95A V-60D V-64D V-80AP V-85AP V-90AP V-95AP
 G-85A G-95A G-85AS G-64D G-180A G-185A G-285A G-190A (S) G-195A G-198A
 G-160D G-164D G-171D G-174D G-168D G-98AU23C G-160DU G-74D
 G-380A G-383A G-385A G-390A G-395A G-398A G-360D G-365D G-371D
 G-80AU G-85AU G-90AU G-92AU G-95AU G-98AU G-64DU G-74DU D/G-95AU
 D/G-95AUX G-92AUX G-92AUXL G-95AUX G-90AU G-95AU G-98AU23 98AU
 I-60A I-65A I-70A I-72A I-75A S-62A S-65A S-70A S-75A S-75AU T-0285A T-0290A
 T-0295A T-0298A(U) T-0260D T-1185A T-1190A T-1195A(U)(S) T-1198A T-1164D(U)(S)
 T-1172D T-1174D(U)(S) T-1285A(S) T-1290A(S) T-1295A(S) T-695A(S) T-1160D(S)
 T-1164D(S) T-690A(S) T-680A(S) T-685A T-685AS T-695AS T-664DS T-664D T-698A
 T-671D T-885A T-890A T-0290AU T-1285AS 29095A 260D 285A 295A 292 385A
 P-64D P-75A P-80A P-85A P-90A P-95A P-98A P-60D P-64D P-92A A-XXX B-XXX
 C0-XXX C-XXX E-XXX EV-XXX EW-XXX V-XXX G-XXX I-XXX S-XXX T-XXX P-XXX
 2XXX 3XXX



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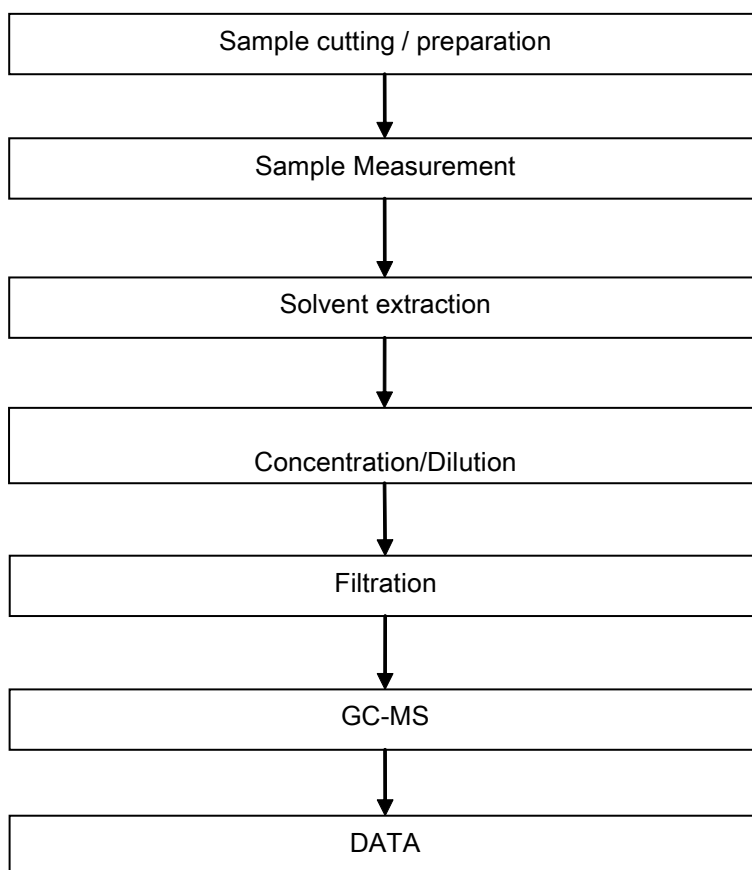
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ATTACHMENTS

PAHs Testing Flow Chart

- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Qiong Liu



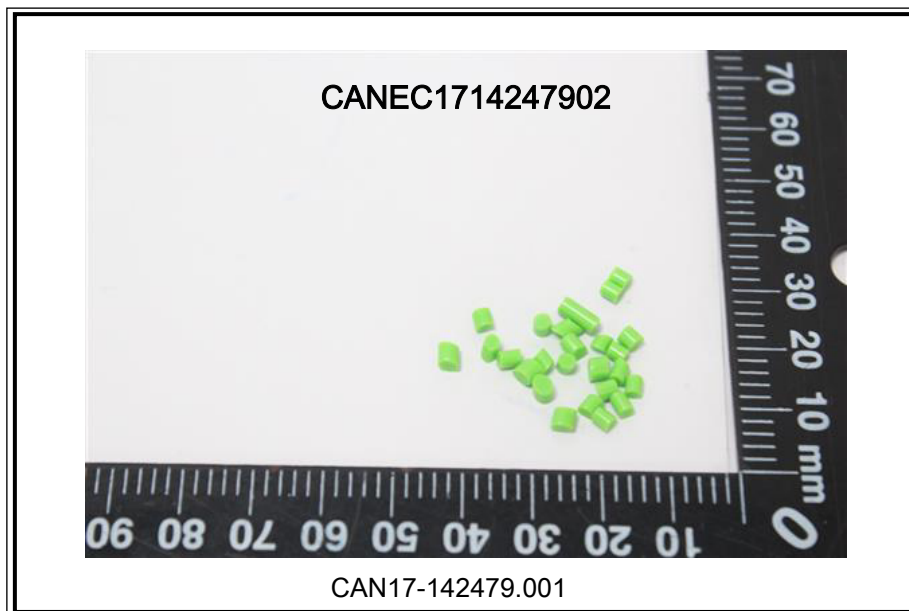
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Sample photo:



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*** End of Report ***

