

## Test Report

No. CANEC1714247901

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



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

Phthalate

Test Method : With reference to EN14372: 2004. Analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	%(w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%(w/w)	0.003	ND
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%(w/w)	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	%(w/w)	0.010	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%(w/w)	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	%(w/w)	0.010	ND
Dimethyl Phthalate (DMP)	131-11-3	%(w/w)	0.003	ND
Diethyl Phthalate (DEP)	84-66-2	%(w/w)	0.003	ND
Dipropyl Phthalate (DPrP)	131-16-8	%(w/w)	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%(w/w)	0.003	ND
Di-n-pentyl Phthalate (DnPP)	131-18-0	%(w/w)	0.003	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%(w/w)	0.003	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%(w/w)	0.003	ND
Diphenyl Phthalate (DPhP)	84-62-8	%(w/w)	0.003	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%(w/w)	0.003	ND
Dinonyl Phthalate (DNP)	84-76-4	%(w/w)	0.003	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%(w/w)	0.010	ND
Bis(2-methoxyethyl) Phthalate (DMEP)	117-82-8	%(w/w)	0.003	ND
Diallyl Phthalate (DAP)	131-17-9	%(w/w)	0.003	ND
n-decyl, n-octyl Phthalate (nDnOP)	119-07-3	%(w/w)	0.003	ND



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Test Item(s)	CAS NO.	Unit	MDL	001
Di-n-decyl Phthalate (DnDP)	84-77-5	%(w/w)	0.003	ND
Diisopentyl Phthalate (DIPP)	605-50-5	%(w/w)	0.003	ND
n-pentyl Isopentyl Phthalate (nPIPP)	776297-69-9	%(w/w)	0.003	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%(w/w)	0.010	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNU)	68515-42-4	%(w/w)	0.010	ND
Di(2-ethylhexyl)adipate (DEHA)	103-23-1	%(w/w)	0.003	ND
Bis(4-methyl-2-pentyl) Phthalate (BMPP)	146-50-9	%(w/w)	0.003	ND
Bis(2-ethoxyethyl) Phthalate (DEEP)	605-54-9	%(w/w)	0.003	ND
Bis(2-n-butoxyethyl) Phthalate (DBEP)	117-83-9	%(w/w)	0.003	ND
Diundecyl Phthalate (DUDP)	3648-20-2	%(w/w)	0.003	ND
Diisononyl adipate (DINA)	33703-08-1	%(w/w)	0.010	ND
Ditridecyl Phthalate (DTDP)	119-06-2	%(w/w)	0.003	ND
Trioctyl trimellitate (TOTM)	3319-31-1	%(w/w)	0.003	ND
Diocetyl Terephthalate (DOTP)	6422-86-2	%(w/w)	0.003	ND
Di-n-heptyl Phthalate (DnHpP)	3648-21-3	%(w/w)	0.003	ND
Di(2-propylheptyl) Phthalate(DPHpP)	53306-54-0	%(w/w)	0.010	ND
1,2-Benzenedicarboxylic acid, dihexyl ester branched and linear(DHP)	68515-50-4	%(w/w)	0.010	ND
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear (DPP)	84777-06-0	%(w/w)	0.010	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid,mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5/68648-93-1	%(w/w)	0.010	ND
1,2-Cyclohexane dicarboxylic acid, di-isononyl ester (DINCH)	166412-78-8	%(w/w)	0.010	ND
Acetyltributylcitrate (Citroflex, ATBC)	77-90-7	%(w/w)	0.010	ND
Di-iso-hexylphthalate (DIHxP)	71850-09-4	%(w/w)	0.010	ND
Hexahydromethylphthalic anhydride,Hexahydro-4-methylphthalic anhydride,Hexahydro-1-methylphthalic anhydride,Hexahydro-3-methylphthalic anhydride (MHPA)	☆	%(w/w)	0.010	ND

## Notes :

- (1)DBP,BBP,DEHP Reference information: Entry 51 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles.
  - ii) Toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight



of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information

(2) DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.

ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information

(3) ☆CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride (MHHPA): 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9

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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  
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 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  
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 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)  
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 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  
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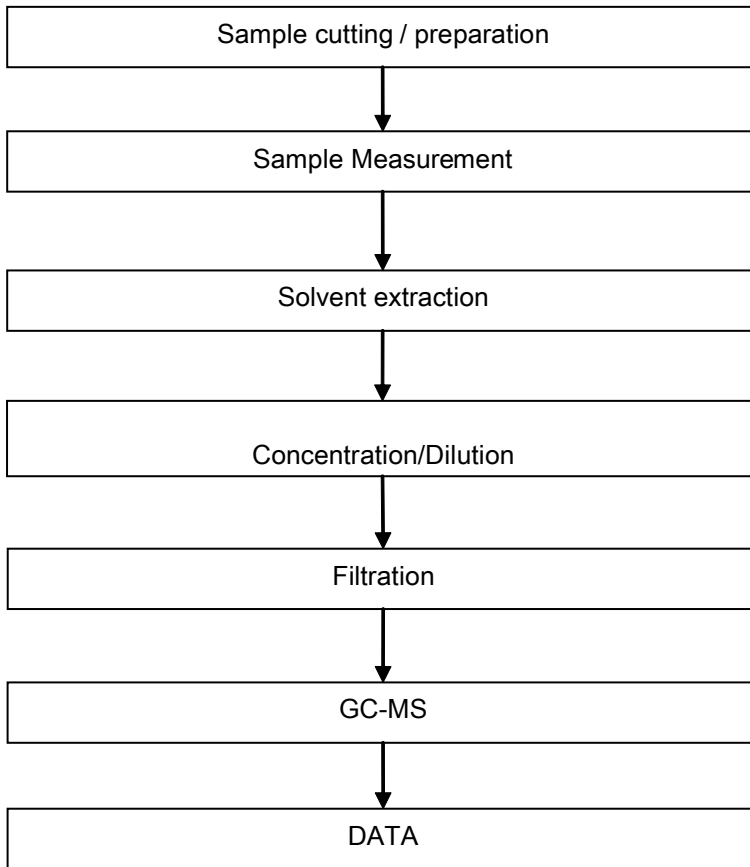
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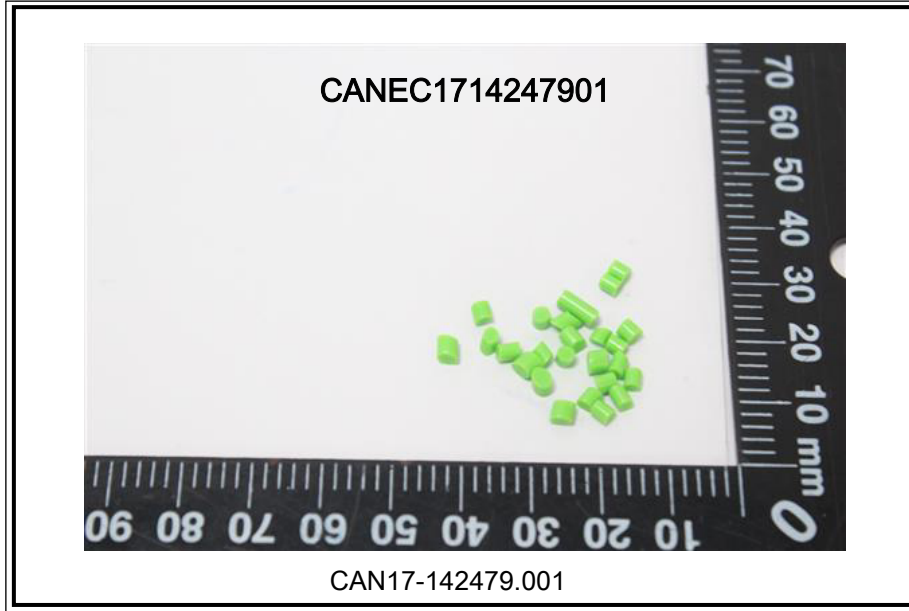
ATTACHMENTS

Phthalates Testing Flow Chart

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



Sample photo:



SGS authenticate the photo on original report only

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