

## Test Report

No. VNHL2106013404EE

Date: July 01, 2021

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### HYOSUNG VINA CHEMICALS

7<sup>TH</sup> FLOOR, UNIT 08, VINCOME CENTER B TOWER 72 LE THANH TON STREET, DISTRICT 1, HCM CITY, VIET NAM.

The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL2106013404EE  
 Sample Description : NAME: J340N/ HS CODE: 3902.30  
 Characteristic : POLYPROPYLENE (BLOCK COPOLYMER)  
 Buyer : HYOSUNG VINA CHEMICALS  
 Country of Origin : VIET NAM  
 Country of Destination : VIET NAM & OTHERS  
 Sample Receiving Date : JUNE 24, 2021  
 Final confirmed Date : JUNE 24, 2021  
 Testing Period : JUNE 24, 2021 TO JULY 01, 2021  
 Test Requested : PLEASE REFER TO THE RESULT SUMMARY  
 Test Results : PLEASE REFER TO NEXT PAGE(S).

#### Result Summary

Test Requested	Result (s)
Phthalates Content	See results

Signed for and on behalf of

**SGS Vietnam LTD**



**To Ka Wing**  
 Chemical Lab Manager

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### Test results:

### Test Part Description:

Component No.	Description	Material	Color
1	WHITE PLASTIC BEADS (NAME: J646H/ HS CODE: 3902.30)	PLASTIC BEADS	WHITE

### Phthalates content

Test Method: With reference to IEC 62321-8:2017. Analysis was conducted by GC-MS.

Test item	CAS No.	Result(s) (mg/kg)	RL
		1	
Dibutyl phthalate	84-74-2	ND	50
Diisobutyl phthalate	84-69-5	ND	50
Benzyl butyl phthalate	85-68-7	ND	50
Di(2-ethylhexyl) phthalate	117-81-7	ND	50
Diisononyl phthalate	68515-48-/ 28553-12-0	ND	50
Dinonylphthalate	84-76-4	ND	50
Diisodecyl phthalate	68515-49-1/ 26761-40-0	ND	50
n-pentyl isopentyl phthalate	776297-69-9	ND	50
1,2-Benzenedicarboxylic acid dipentylester, branched and linear	84777-06-0	ND	50
Bis-n-pentyl phthalate	131-18-0	ND	50
Dicyclohexyl phthalate	84-61-7	ND	50
Bis-2-n-butoxyethyl phthalate	117-83-9	ND	50
Benzoic acid-benzyl ester	120-51-4	ND	50
Dipropyl phthalate	131-16-8	ND	50
Di(2-ethylhexyl) adipate	103-23-1	ND	50
Diphenyl Phthalate	84-62-8	ND	50
Dimethyl Phthalate	131-11-3	ND	50
Di-n-octyl phthalate	117-84-0	ND	50
Diethyl Phthalate	84-66-2	ND	50
Bis-methylglycol phthalate/ Bis(Methoxyethyl)phthalate	117-82-8	ND	50
Bis-hexyl phthalate	84-75-3	ND	50
Diisoheptyl phthalate/ 1,2-benzenedicarboxylic acid, di C6-8 branched alkyl esters C7-rich	71888-89-6	ND	50

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Bis-n-undecyl phthalate	3648-20-2	ND	50
Bis-isopentyl phthalate	605-50-5	ND	50
1,2-benzenedicarboxylic acid, di C7-11 branched and linear alkyl esters	68515-42-4	ND	50
Phthalic acid, bis-iso-octyl ester	27554-26-3	ND	50
Bis(4-methyl-2-pentyl) phthalate	84-63-9/146-50-9	ND	50
Bis (2-ethoxyethyl) phthalate	605-54-9	ND	50
Dibenzyl phthalate	523-31-9	ND	50
Di-(2-ethylhexyl)-terephthalate	6422-86-2	ND	50
Di-n-decyl phthalate	84-77-5	ND	50
Diallyl phthalate	131-17-9	ND	50
Hexyl-2-ethylhexyl phthalate	75673-16-4	ND	50
Dihexyl phthalate/1,2-benzenedicarboxylic acid, 1,2-dihexylester	68515-50-4	ND	50
Diisohexyl phthalate	71850-09-4	ND	50
1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear	68515-44-6	ND	50
1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear	68515-45-7	ND	50
1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear	111381-89-6	ND	50
1,2-Benzenedicarboxylic acid, heptyl undecyl ester, branched and linear	111381-90-9	ND	50
1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear	111381-91-0	ND	50
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5; 68648-93-1	ND	50

- Note:**
1. % = percentage by weight
  2. 1% = 10000ppm (mg/kg)
  3. ND = Not Detected
  4. RL = Reporting Limit

**Remark:** This / these test(s) was / were accredited ISO 17025:2017 by VILAS.  
This / these test(s) was / were performed by SGS Vietnam's chemical lab.

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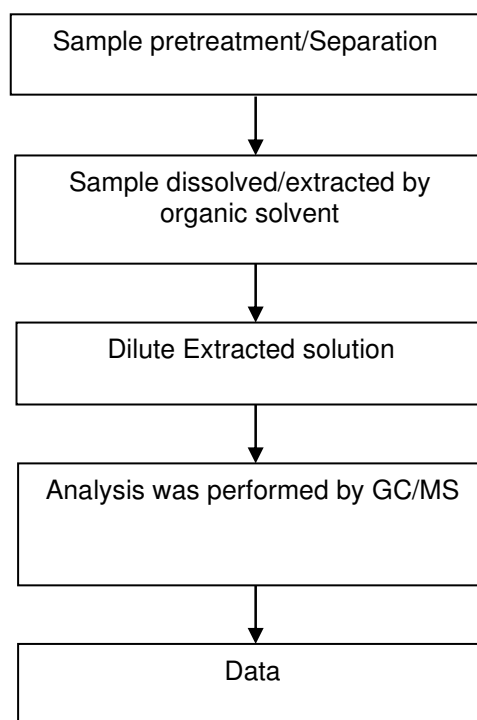
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Analytical flow chart of phthalate content

Test method: IEC 62321-8: 2017

First testing process →  
Optional screen process .....  
Confirmation process - .▶



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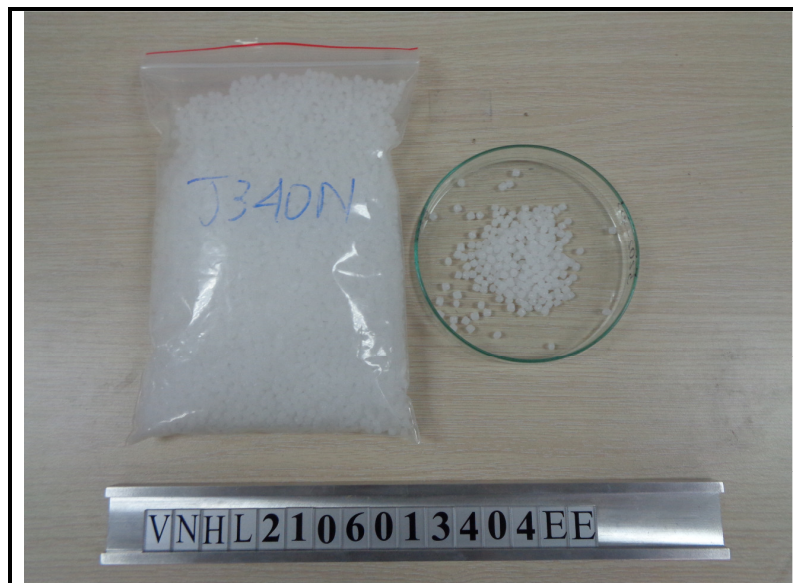
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**PHOTO OF SUBMITTED SAMPLE FOR TESTING**



*REPORT RESULTS REFER TO SUBMITTED SAMPLE (S) ONLY*

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

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