



## CERTIFICATE OF ANALYSIS

To : LEE SOON SENG PLASTIC INDUSTRIES SDN BHD  
Lot 3304, Batu 24 1/2,  
Jalan Kulai - Air Hitam,  
81000 Kulai, Johor Darul Takzim.  
Attn : Mr Tai Chin Lian

Page No. : 1 of 2

Certificate No.: JB /08-03/ 0073

Date of Issue : 18 /03 /2008

Customer Sample Description : **HIPS SHEET / PRODUCT**

Date Of Sample Received : 13 /03 /2008

Date Of Testing : 13 /03 /2008 - 18 /03 /2008

### Analysis parameter and Standard Method / Equipment / Technique description

<u>Parameter</u>	<u>Standard Method / Equipment / Technique Description</u>
DEHP	USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas chromatography-Mass Spectrometry
DBP	USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas chromatography-Mass Spectrometry
BBP	USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas Chromatography-Mass Spectrometry
DINP	USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas Chromatography-Mass Spectrometry
DIDP	USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas Chromatography-Mass Spectrometry
DNOP	USEPA Method 3540C- Soxhlet Extraction GC/MS-Gas Chromatography-Mass Spectrometry

JOB NO.: JB803/0068



**Certificate No.:** JB / 08-03 / 0073

**Page No.:** 2 of 2

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**Customer :** LEE SOON SENG PLASTIC INDUSTRIES SDN BHD

**Analysis result**

	Chemical compound	Analysis Results	Preconditioning Method	Measurement Method	Method Detection Limit
<b>Phthalate</b>	Bis (2-ethylhexyl) Phthalate (as DEHP)	Not Detected	USEPA Method 3540C	GC/MS	0.01%
	Dibutyl Phthalate (as DBP)	Not Detected			
	Benzyl Butyl Phthalate (as BBP)	Not Detected			
	Diisonocyl Phthalate (as DINP)	Not Detected			
	Diisodecyl Phthalate (as DIDP)	Not Detected			
	Di-n-octyl Phthalate (as DNOP)	Not Detected			

Permissible maximum concentration values as stipulated in Directive 2005/84/EC

Phthalate substances	Permissible maximum concentration
bis (2-ethylhexyl) phthalate (DEHP)	Shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys and childcare articles.
dibutyl phthalate (DBP)	
benzyl butyl phthalate (BBP)	
di-"isononyl" phthalate (DINP)	Shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys and childcare articles which can be placed in the mouth by children.
di-"isodecyl" phthalate (DIDP)	
di-n-octyl phthalate (DNOP)	

**LABORATORY**

**JOB NO.:** JB803/0068

**Certified By:**

**Test perform by :** Mr. Mourali

**Yeap Cheo Mooi, M. Sc, AMIC**  
**Operation Manager**