

# ALS TECHNICHEM (M) SDN BHD

(117964-P)

9, Jalan Astaka U8/84, Seksyen U8, Bukit Jelutong, 40150 Shah Alam, Selangor.  
Tel: (603) 7845 8257 Fax: (603) 7845 8258 E-mail: info@alsmalaysia.com



ALS Technichem

## CERTIFICATE OF ANALYSIS

DATE : 7 May 2007  
OUR REF. : ATHQ/21176(A)BS/2007  
COMPANY : PT. INDAH KIAT PULP & PAPER Tbk.  
          : Jl. Raya Serang Km. 76 Kec. Kragilan,  
          : Serang 42184, Banten, Indonesia.  
          : Tel: +62 -254 - 280 088 Fax: +62 -254 - 280 929  
DATE SAMPLE RECEIVED : 14 April 2007  
MEASUREMENT DATE : 7 May 2007  
ANALYST IN-CHARGE : Lee Yiu Lay  
SAMPLE DESCRIPTION : One paperboard sample  
SAMPLE MARKING : **SINARWHITE (CIS)**

Page 1 of 2

### **ANALYSIS RESULTS**

(As per sample)

(Refer to page 2)

#### **BRANCH & COLLECTION CENTRE:**

(JB) No 19, Jalan Kencana Mas 1/1,  
Tebrau Business Park, Taman Daya,  
81100 Johor Bahru, Johor.  
Tel: (607) - 354 9604  
Fax: (607) - 354 9554

(SWK) No.6, Jalan Setia Jaya,  
Stutong Indah Business Avenue,  
Lot 10506, 93350 Kuching, Sarawak.  
Tel: (6082) - 366 030  
Fax: (6082) - 366 025

**Laboratory Testing & Industrial Consultancy**

302008

# ALS TECHNICHEM (M) SDN BHD

(117964-P)

9, Jalan Astaka U8/84, Seksyen U8, Bukit Jelutong, 40150 Shah Alam, Selangor.  
Tel: (603) 7845 8257 Fax: (603) 7845 8258 E-mail: info@alsmalaysia.com



ALS Technichem

## CERTIFICATE OF ANALYSIS

DATE : 7 May 2007

Page 1 of 2

OUR REF. : ATHQ/21176(A)BS/2007

### ANALYSIS RESULTS

(As per sample)

Test Parameters	Units	Results	Pre-Conditioning Method	Measurement Method
<b>Phthalate Plasticizer</b>				
Dimethylphthalate	ppm	ND (<10)	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Diethylphthalate	ppm	ND (<10)	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-n-butylphthalate	ppm	ND (<10)	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Bis(2 – ethylhexyl) phthalate	ppm	ND (<10)	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-n-octylphthalate	ppm	ND (<10)	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Dipropylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-isodecylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-isononylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Dihexylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-isobutylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-n-propylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Dicyclohexylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS
Di-isooctylphthalate	Abs/Prs	Absent	USEPA 3570 Solvent Extraction	USEPA 8270 C GC – MS

ND – Not Detected

Abs/Prs : Absent / Present

Dr. Koh Yew Ming  
BSc. (Hons), PhD (Chemistry), AMIC  
Technical Manager

#### BRANCH & COLLECTION CENTRE:

(JB): No 19, Jalan Kencana Mas 1/1,  
Tebrau Business Park, Taman Daya,  
81100 Johor Bahru, Johor.  
Tel: (607) – 354 9604  
Fax: (607) – 354 9554

(SWK): No.6, Jalan Setia Jaya,  
Stutong Indah Business Avenue,  
Lot 10506, 93350 Kuching, Sarawak.  
Tel: (6082) – 366 030  
Fax: (6082) – 366 025

Laboratory Testing & Industrial Consultancy

302009