

# ALS TECHNICHEM (M) SDN BHD

(117964-P)

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ALS Technichem

## CERTIFICATE OF ANALYSIS

ALS REF : ALSM105436\_2

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REPORT DATE : 11 September 2014



MS ISO/IEC 17025  
TESTING  
SAMM No. 147

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CONTACT PERSON : Nicky Tan Chee Soon / Jocelyn Choong

DATE SAMPLE RECEIVED : 4 August 2014

SAMPLE DESCRIPTION : One sample was received with the following references:

ALS ID NO. : ALSM105436473237

SAMPLE I.D	MATRIX	DATE	TIME (hrs)	REMARKS
Inovar Laminated Floor Samples	Woodbased Laminate Floor	-	-	-

Note : Results apply to sample(s) as submitted. This report supersedes any previous reports of the same reference number.

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Laboratory Testing & Industrial Consultancy

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		Lab I.D		473237
		Sample I.D		Inovar
		Units	LOR	Laminated Floor Samples
Method Reference	Analysis Description	Date of Extraction		8/8/2014
		Date of Analysis		8/8/2014
<b>USEPA 5030B, 8260B</b>	<b>Volatile Organic Carbon (VOC)</b>			
<b>USEPA 5030B, 8260B</b>	<b>Monocyclic Aromatics</b>			
USEPA 5030B, 8260B	Benzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Toluene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Ethylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	m & p-Xylene	mg/kg	1	<1
USEPA 5030B, 8260B	Styrene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	o-Xylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Isopropylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	n-Propylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,3,5-Trimethylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	sec-Butylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2,4-Trimethylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	tert-Butylbenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	p-Isopropyltoluene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	n-Butylbenzene	mg/kg	0.5	<0.5
<b>USEPA 5030B, 8260B</b>	<b>Oxygenated Compounds</b>			
USEPA 5030B, 8260B	2-Butanone (MEK)	mg/kg	5	<5
USEPA 5030B, 8260B	4-Methyl-2-pentanone (MIBK)	mg/kg	5	<5
USEPA 5030B, 8260B	2-Hexanone (MBK)	mg/kg	5	<5
<b>USEPA 5030B, 8260B</b>	<b>Fumigants</b>			
USEPA 5030B, 8260B	2,2-Dichloropropane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2-Dichloropropane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	cis-1,3-Dichloropropylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	trans-1,3-Dichloropropylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2-Dibromoethane	mg/kg	0.5	<0.5
<b>USEPA 5030B, 8260B</b>	<b>Halogenated Aliphatics</b>			
USEPA 5030B, 8260B	Dichlorodifluoromethane	mg/kg	5	<5
USEPA 5030B, 8260B	Chloromethane	mg/kg	5	<5
USEPA 5030B, 8260B	Vinyl chloride	mg/kg	5	<5
USEPA 5030B, 8260B	Bromomethane	mg/kg	5	<5
USEPA 5030B, 8260B	Chloroethane	mg/kg	5	<5
USEPA 5030B, 8260B	Trichlorofluoromethane	mg/kg	5	<5
USEPA 5030B, 8260B	1,1-Dichloroethylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	trans-1,2-Dichloroethylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,1-Dichloroethane	mg/kg	0.5	<0.5

LOR: Level of Reporting



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		Lab I.D		473237
		Sample I.D		Inovar
		Units	LOR	Laminated Floor Samples
USEPA 5030B, 8260B	cis-1,2-Dichloroethylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,1,1-Trichloroethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,1-Dichloropropylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Carbon tetrachloride	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2-Dichloroethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Trichloroethylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Dibromomethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,1,2-Trichloroethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,3-Dichloropropane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Tetrachloroethylene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,1,1,2-Tetrachloroethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,1,2,2-Tetrachloroethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2,3-Trichloropropane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2-Dibromo-3-chloropropane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Hexachlorobutadiene	mg/kg	0.5	<0.5
<b>USEPA 5030B, 8260B</b>	<b>Halogenated Aromatics</b>			
USEPA 5030B, 8260B	Chlorobenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Bromobenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	2-Chlorotoluene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	4-Chlorotoluene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,3-Dichlorobenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,4-Dichlorobenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2-Dichlorobenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2,4-Trichlorobenzene	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	1,2,3-Trichlorobenzene	mg/kg	0.5	<0.5
<b>USEPA 5030B, 8260B</b>	<b>Trihalomethanes</b>			
USEPA 5030B, 8260B	Chloroform	mg/kg	2	<2
USEPA 5030B, 8260B	Bromodichloromethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Dibromochloromethane	mg/kg	0.5	<0.5
USEPA 5030B, 8260B	Bromoform	mg/kg	0.5	<0.5

LOR: Level of Reporting