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TEST REPORT

NO.:B-R11091642 Date: Sep.06, 2011 Page 1 of 11

: Shenzhen LVSUN Electronics Technology Co., Ltd. Applicant's Name

Client No. VSUN

Building C, Shiguan Industrial Centre, Longhua, Dalang Street, Baoan Town, Shenzhen City Address

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Report on the submitted sample said to be

Sample name : AC Adaptor

: LS-PAB60, LS-PAB90, LS-PAB120

Manufacturer : Shenzhen LVSUN Electronics Technology Co., Ltd.

Building C, Shiguan Industrial Centre, Longhua, Dalang Street, Baoan Town, Address

Shenzhen City 1.161111

: Sep. 01, 2011 Reports received date : Sep. 06, 2011 Date of report

: All reports as specified by client, determine the Lead, Cadmium, Mercury, Conclusion

Hexavalent Chromium and/ or PBB & PBDE content in the submitted samples

which are restricted in Directive 2011/65/EU (RoHS).

Please refer to next page. Please refer to next page.

Inspected by:

Van Huang

Approved by:

COMMON

Michael Wang

Company No. 07113834

The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

BEIDE (UK) PRODUCT SERVICE LIMITED

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Tel: +86-755-27454498 Email: Info@szbeide.com



TEST REPORT

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NO.:B-R11091642

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NO. Name Unit Lead Cadmium Mercury Chromium	NOD	-R11091042	Date.	Sep.06, 2011	-0	Pag	e 2 of 11
N.D. Name Onit (Pb) (Cd) (Hg) (CrVI) LED 1.1 Translucent body ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	SUIT	Manu Manu	Manki Ma	in, Ma		Ull MS	un _{NSUN}
1 LED 1.1 Translucent body ppm N.D.	NO.	Name	Unit				
1.1 Translucent body ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	nin	1110	7/10	(Pb)	(Ca)	(Hg)	(CrVI)
1.2 Silver metal ppm N.D. N.D. N.D. Negative 2 Chip & Chip array resistor (SMD resistor) 2.1 Black and white solid with color ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	900	LEDISON, MRON,	Man, Ma	Me	MS	1/15	W. Man.
2 Chip & Chip array resistor (SMD resistor) 2.1 Black and white solid with color ppm N.D. N.D. N.D. N.D. N.D. N.D. 3 Silver metal pin 3.1 Pin (Silvery plated metal wire) ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	1.1	Translucent body	ppm	N.D.	N.D.	N.D.	N.D.
2.1 Black and white solid with color ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	1.2	Silver metal \\S	MS M ppm/VS	N.D.\\S	N.D./VS	N.D.///S	Negative S
metal (mix all) Silver metal pin Indicates the problem of the pr	2	Chip & Chip array resistor (SM	D resistor)	.10			
3.1 Pin (Silvery plated metal wire) ppm N.D. N.D. N.D. Negative 4 PCB 4.1 PCB(mixed) ppm N.D. N.D. N.D. N.D. N.D. 5 Glue ppm N.D. N.D. N.D. N.D. N.D. N.D. 6 ABS (Black plastic grains) ppm 15 N.D. N.D. N.D. N.D. 7 Metal ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	2.1		MS ppm/VS	N.D.\\S	N.D./VS	W.D.///S	N.D.\VS
4 PCB 4.1 PCB(mixed) ppm N.D. N.D. N.D. N.D. 5 Glue ppm N.D. N.D. N.D. N.D. 6 ABS (Black plastic grains) ppm 15 N.D. N.D. N.D. N.D. 7 Metal ppm N.D. N.D. N.D. N.D. N.D. 8 Wire Wire N.D. N.D. N.D. N.D. N.D. N.D. 8.2 Copper wire ppm N.D. N.D. N.D. Negative 9 Electronics component (mixed) ppm N.D. N.D. </td <td>3</td> <td>Silver metal pin</td> <td>0110</td> <td></td> <td>, in</td> <td>n</td> <td>un -un</td>	3	Silver metal pin	0110		, in	n	un -un
4.1 PCB(mixed) ppm N.D. N.D. N.D. N.D. N.D. 5 Glue ppm N.D. N.D. N.D. N.D. N.D. 6 ABS (Black plastic grains) ppm 15 N.D. N.D. N.D. N.D. 7 Metal ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	3.1	Pin (Silvery plated metal wire)	bbw	N.D.	N.D.///S	N.D.	Negative
4.1 PCB(mixed) ppm N.D. N.D. N.D. N.D. 5 Glue ppm N.D. N.D. N.D. N.D. 6 ABS (Black plastic grains) ppm 15 N.D. N.D. N.D. 7 Metal ppm N.D. N.D. N.D. Negative 8 Wire Wire N.D. N.D. N.D. N.D. N.D. 8.2 Copper wire ppm N.D. N.D. N.D. Negative 9 Electronics component (mixed) ppm N.D. N.D. N.D. Negative 9.1 Base material of silver colored metal pin ppm N.D. N.D. N.D. N.D. N.D.	1111	PCB	0110	110	110	110	un aun
6 ABS (Black plastic grains) ppm 15 N.D. N.D. N.D. N.D. 7 Metal ppm N.D. N.D. N.D. N.D. N.D. Negative 8 Wire 8.1 Plastic wire (mixed) ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		PCB(mixed)	bbw	N.D.	N.D.	N.D.	N.D.
7 Metal ppm N.D. N.D. N.D. Negative 8 Wire 8.1 Plastic wire (mixed) ppm N.D. N.D. N.D. N.D. N.D. 8.2 Copper wire ppm N.D. N.D. N.D. N.D. Negative 9 Electronics component (mixed) 9.1 Base material of silver colored metal pin N.D. N.D. N.D. N.D. Negative	5	Glue	ppm	N.D.	N.D.	N.D.	N.D.
8 Wire 8.1 Plastic wire (mixed) ppm N.D. N.D. N.D. N.D. 8.2 Copper wire ppm N.D. N.D. N.D. N.D. Negative 9 Electronics component (mixed) 9.1 Base material of silver colored metal pin ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	6	ABS (Black plastic grains)	M201, bbw//3	15	N.D.///9	N.D.//S	N.D.
8.1 Plastic wire (mixed) ppm N.D. N.D. N.D. N.D. N.D. 8.2 Copper wire ppm N.D. N.D. N.D. N.D. Negative 9 Electronics component (mixed) 9.1 Base material of silver colored metal pin ppm N.D. N.D. N.D. N.D. N.D. Negative	7	Metal	ppm	N.D.	N.D.	N.D.	Negative
8.2 Copper wire ppm N.D. N.D. N.D. Negative 9 Electronics component (mixed) 9.1 Base material of silver colored metal pin ppm N.D. N.D. N.D. N.D. Negative	8	Wire	Man. Ma	N. 1/15	M. M.	n, Ma	a, Man,
9 Electronics component (mixed) 9.1 Base material of silver colored metal pin	8.1	Plastic wire (mixed)	ppm	N.D.	N.D.	N.D.	N.D.
9.1 Base material of silver colored ppm N.D. N.D. N.D. Negative	8.2	Copper wire	bbw	N.D.	N.D.	N.D.	Negative
metal pin ppm N.D. N.D. Negative	911	1,15011 1,15011	11201, 171c	UN LIE	un we	un ws	un _{lus} un
9.20 Black lump USUN LISUNPPM UND. UND. UND. UND.	9.1		ppm	N.D.	N.D.	N.D.	Negative
	9.20	Black lump	NSUNPPM	UN.D.	UN.D.	UNN.D.	UNN.D.

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NO.:B-R11091642

Date

Sep.06, 2011

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NO.	Name	Unit	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (CrVI)
10	Soldering tin \\S	nu Ma	UN NE	in (ca)	Un Na	UN MS
10.1	Silvery metal bar	ppm	12	N.D.	N.D.	Negative
àt	Resistance(mixed)	Dbw/18	N.D./\/S	N.D.\\S	W.D.\VS	UI N.D.\VS
12	Aluminum Electrolytic Capacitor	.:0	.10	.10	.:0	0
12.1	Grey foil \\\S\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ppm//S	7 //9	N.D./19	N.D.///S	Negative S
12.2	Silver-grey foil	ppm	21	N.D.	N.D.	Negative
12.3	Silvery metal (mixed)	ppm/\/S	N.D./\/S	N.D./19	N.D./VS	Negative S
12.4	Brown paper tape	ppm	N.D.	N.D.	N.D.	N.D.
12.5	Yellow liquid	ppm//S	N.D.//9	N.D./\/S	N.D.\\\S	N.D./\S
12.6	Brown rubber	ppm	17	N.D.	N.D.	N.D.
12.7	Silvery metal shell	ppm	12	N.D.//9	N.D.	Negative
12.8	plastic(mixed)	ppm	N.D.	N.D.	N.D.	N.D.
13	Diode chip	ppm	N.D.	N.D.	N.D.	N.D.
14	Transformer	un	une	une	une	uns
14.1	Mixed	ppm	N.D.	N.D.	N.D.	N.D.
15	IC WENU MENU	un we	un ,,,c	un us	un ws	un ws
15.1	Boby	ppm	N.D.	N.D.	N.D.	N.D.
15.2	Plating layer of Silver metal pin	U/Dbbw	UN 28	UNN.D.	UNN.D.	Negative
15.3	Base material of Silver metal pin	ppm	17	N.D.	N.D.	Negative

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	NO.	Name	Unit	Lead	Cadmium	Mercury	Chromium
	110.	Ivaille	Offic	(Pb)	(Cd)	(Hg)	(CrVI)
N	16	Screw WSUIII	SULAbbut	N.D.//S	W.D.\\S	WN.DINS	UN.D.VS
	17	Ceramic capacitor					
M	17.1	Silvery metal pin	SUL ppm/VS	N.D.///S	N.D./\/S	N.D.///S	Negative S
	17.2	Blue body/ brown printing (mixed)	ppm	N.D.	N.D.	N.D.	N.D.
N	18	Other component	en, Ma	in, Ma	m, Ma	MS.	m, Ma
	18.1	mixed	ppm	22	N.D.	N.D.	N.D.

Note: -N.D.=Not Detected(<5ppm)

-N.C.=Not Conducted

-ppm=mg/kg

ISUN " Negative " means the concentration of Hexavalent Chromium extracted from 50cm² sample is less than the detection limit.

"-"means the concentration of Hexavalent don't dectected.

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Unit	1.1	2	4	5	6	8.1	9.2	11	12.4
Bs)	WSU	11	12/11,	Me	,UII	WSU	1	SUIT	MSI
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N ₁ D ₁ C	N.D.	/\N@\J\	N.D.	GN.D.	N.D.S
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.S	N.D.	N.Đ.	N.D.	N.D.	N.D.S
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	NDU	N.D.	N.D.	N.D./	N.D.	N.D.	N.D.
(PBDE	s)	//		1/10		///	11		100
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.S	N.D.	\N.D.	N.D.	SN.D.	N.D.S
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	9).D.	N.D.S	N.D.	N.D.	N.D.	SN.D.	N.D.S
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	ppm	ppm N.D. ppm N.D.	ppm N.D. N.D. ppm <td>ppm N.D. N.D. N.D. ppm N.D. N.D. N.D. ppm</td> <td>ppm N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. <!--</td--><td>ppm N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. (PBDEs) N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D.</td><td> ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D</td><td> Ppm N.D. N</td><td> Ppm N.D. N</td></td>	ppm N.D. N.D. N.D. ppm	ppm N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. </td <td>ppm N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. (PBDEs) N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D.</td> <td> ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D</td> <td> Ppm N.D. N</td> <td> Ppm N.D. N</td>	ppm N.D. N.D. N.D. N.D. N.D. (PBDEs) N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D.	ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. N.D	Ppm N.D. N	Ppm N.D. N

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12.5 12.6 Flame retardants Unit 12.8 13 14 15.1 17.2 18 Polybrominated Biphenyls(PBBs) 15/ N.D. N.D. N.D. N.D. N.D. N.D. Monobromobiphenyl ppm N.D. N.D. / N.D. N.D. N.D. Dibromobiphenyl ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. **Tibromobiphenyl** ppm N.D. N.D. N.D. N.D. N.D. N.D. N.D. Tetrabrombiphenyl N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm Pentabromobiphenyl N.D. N.D. N.D. N_iD_i N.D. N.D. N.D. N.D. ppm 115 Hexabromobiphenyl N.D. ΝD N.D. N.D. N.D. N.D. N.D. N.D. ppm Heptabromobiphenyl N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm Ma N.D. N.D. N.D. Octabromobiphenyl N.D. N.D. N.D. N.D. N.D. ppm N.D. Nonabromodephenyl N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm Decabromondiphenyl N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm N.D. Polybrominated Diphenyl ether(PBDEs) N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. Monobromodiphenyl ether ppm MS N.D. N.D. N.D.\ N.D. N/DI N.D. N.D. Dibromodiphenyl ether ppm N.D. N.D. N.D. N.D. Tibromodiphenyl ether N.D. N.D. N.D. N.D. N.D. / ppm Terabromodiphenyl ether ppm N.D. Pentabromodiphenyl ether N.D. N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D. Hexabromodiphenyl ether ppm N.D. N.D. N.D. N.D. N.D. Heptabromodephenyl ether N.D. N.D. N.D.S N.D. N.D. ppm ppm Octabromodiphenyl ether N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. Nonabromodephenyl ether N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. ppm Ma Decabromodiphenyl ether N.D. N.D. ppm N.D. N.D. N.D. N.D. N.D. N.D.

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NO.	WSUN	IVSUN	MSUN	MSUN	WSUN	MSUN	WSUN	WSUN	WSUN
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ľU	Manu	MSUN	INSUN	INSUN	NSUN	MSUN	NSUN	INSUN	NSUN
'U	MSUN	MSUN	INSUN	MSUN	MSUN	NSUN	NSUN	MSUN	MSUN
'U	MSUN	MSUN	IVSUN	INSUN	MSUN	MSUN	NSUN	INSUN	MSUN
ľU	Note:	ot Detected(<	5ppm)SUN	INSUN	NSUN	INSUN	NSUN	INSUN	MSUN
'U	-N.C.=N -ppm=m	ot Conducted	INSUN	NSUN	MSUN	MSUN	NSUN	INSUN	MSUN
'U	MSUN	MSUN	INSUN	INSUN	MSUN	MSUN	NSUN	INSUN	MSUN
'U	MSUN	MSUN	INSUN	INSUN	MSUN	MSUN	NSUN	INSUN	MSUN
'U	MSUN	MSUN	INSUN	INSUN	MSUN	NSUN	NSUN	INSUN	MSUN
'U	MSUN	MSUN	INSUN	MSUN	MSUN	NSUN	NSUN	INSUN	MSUN
ľU	WSUN	MSUN	INSUN	MSUN	MSUN	NSUN	NSUN	INSUN	WSUN
IU					ample(s) tested eproduced expe	unless otherwi	se stated and su nout written appr	ich sample(s) ar oval of the Com	e WSUN pany.
N)	TIK:No	1 Unding Road	SERVICE LIMIT d, London, Unite Zone 14. Oianiin Email: Info@s	d Kinadom -	n District. Shenz	zhen. China	NSUN	Manu	WSUN
NO.	WSUN	MSUN	WSUN	MSUN	WSUN	MSUN	NSUN	MSUN	WSUN
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- Results of No.	1	refer to test report	CANEC0905580701	Nov.17, 2009
- Results of No.	2	refer to test report	KA/2009/C0877	Jan.05, 2010
- Results of No.	3 \\\SU\\	refer to test report	CANEC1001230801	Apr 02, 2010
- Results of No.	4	refer to test report	CANEC0900764201	Mar 03, 2009
- Results of No.	15UN	refer to test report	CANEC1000336601	Jan 26, 2010
- Results of No.	6	refer to test report	CANEC0911123201	Oct.12, 2009
- Results of No.	\ ⁷ SU	refer to test report	CANEC0902890809	Jun.09, 2009
- Results of No.	8	refer to test report	B-R11010055	Jan.26, 2011
- Results of No.	195U	refer to test report	ISUN B-R10100950 NSUN	Oct.26, 2010
- Results of No.	10	refer to test report	CANEC110248301	Jan.20, 2011
- Results of No.	115U	refer to test report	SU CANEC0807118603 SU	Dec.09, 2009
- Results of No.	12	refer to test report	CANEC1004597801	Nov.08, 2010
Results of No.	\135U	refer to test report	SHAEC1002272802 SUN	Mar.17, 2010 \SUN
- Results of No.	14	refer to test report	CANEC0905646501	Nov.23, 2009
Results of No.	\15SU\	refer to test report	CE/2010/B0472A	Nov.08, 2010 \S
- Results of No.	16	refer to test report	ASZ09051805501-2	May 21, 2009
- Results of No.	MSU	refer to test report	CANEC0902952101\SUM	Jun.11, 2009 \\S
- Results of No.	18	refer to test report	B-R10100925	Oct.22, 2010

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Directive 2002/95/EC (RoHS) Compliance Laboratory Sep.06, 2011 NO.:B-R11091642 Date: Page 10 of 11 INSUIN Photograph of Sample VSUN IVSUN INSUN IVSUN INSUN INSUN HUS., HUS 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 IVSUN IVSUN INSUN INSUN IVSUN USUN INSUN

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Model of Sample

MSU			ISUN
	Model No	Information	
WSU	LS-PAB60	A=12V, 15V, 16V, 18V, 18. 5V, 19V, 19. 5V, 20V, 24V	ISUN
		B=2. 65A, 3A, 3. 16A, 3. 36A, 3. 42A, 3. 5A, 3. 75A, 3. 8A, 4A, 4. 5A	
WSU	LS-PAB90	A=12V, 15V, 16V, 18V, 18. 5V, 19V, 19. 5V, 20V, 24V	ISUN
\ •		B=3. 5A, 3. 68A, 4. 1A, 4. 22A, 4. 5A, 4. 62A, 4. 74A, 4. 8A, 4. 9A, 5A, 5. 62A, 6A, 7A	
WSU	LS-PAB120	A=12V, 15V, 16V, 18V, 18, 5V, 19V, 19. 5V, 20V, 24V	ISUN
-		B=6A, 6. 3A, 6. 49A, 6. 67A, 7. 1A, 7. 3A, 7. 7A, 7. 9A, 8A, 10A	

INSUN -----End of Report-----

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