



## REPORT

CUSTOMER PO NO.: EV1504-20-01  
ALS THAILAND REF NO.: ATT/ELP/15/0138-G  
DATE: 30 April 2015  
COMPANY: Boyd Technologies (Thailand) Co., Ltd.  
700/675,700/677 Moo.7,Amata Nakorn Industrial  
Estate, Don Hua Lo, Muang Chonburi,  
Chonburi 20000, Thailand

DATE SAMPLE RECEIVED: 21 April 2015  
DATE ANALYZED: 29 April 2015  
DATE TEST COMPLETED: 30 April 2015

SAMPLE DESCRIPTION: One lot of sample was received with references:  
Description: R8961 Ribbon Lot no: 50320-01602

### METHOD/PROCEDURE:

Test	Procedure No	Number of pieces used for extraction	Extraction Medium	Extraction Volume
GCMS - Hydrocarbon Residue	2092-771690 Rev.AE	1pc (3sqcm)	HPLC grade n-Hexane	2 mL

### Results:

The Specification is based on Western Digital's Doc 92-004134 Rev. CG for Ink Ribbon

Required Test	Analytes	Specification Limits(ng/cm2)	Result (ng/cm2)	PASS / FAIL
GCMS	Total C18-C40 Hydrocarbon	NA	32.855	NA
	- C18-C40 Hydrocarbon Peak	-	32.855	
	- C18-C40 Hydrocarbon Hump only	-	Not Detected	
	Total Hexadecyl Esters of Fatty Acids	NA	Not Detected	NA
	Irgafos and Derivatives	NA	Not Detected	NA
	- Irgafos	-	Not Detected	
	- Irgafos-oxidized	-	Not Detected	
	Total Organic Compound	NA	217	



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Major Compounds (R.T)	Classification	Result (ng/cm2)
17.89	DEHP	80.920
15.37	Drometrizole	35.741
14.51	1,2-Benzenediacetonitrile	16.566
16.97	9-Octadecenamide, (Z)-	3.812
16.41	Benzene, 1-(chloromethyl)-2-methyl-	2.825

ALS Testing Services  
(Thailand) Co.,Ltd.

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