



## REPORT

CUSTOMER'S REF NO:

ALS THAILAND REF NO: ELP-1233-DB

DATE: 22/9/2015

COMPANY: Nhk Spring (Thailand) Co., Ltd.115 M. 5, Bangna Trad Rd,

DATE SAMPLE RECEIVED: 9/2/2015

DATE ANALYZED: 9/2/2015

DATE TEST COMPLETED: 17/2/2015

SAMPLE DESCRIPTION: One lot of sample was received with references:

Description: Suspension

Model: Iris-J v.4.8.1

Surface Area: 1.92 cm<sup>2</sup>

Remark:

METHOD/PROCEDURE:

Analysis	Procedure No	Sample Size	Sampling Time
DHS			3hrs

RESULT:

The Specification is based on Seagate's Doc 20800010-190 Rev.BE for Head Gimbal Assembly (HGA) - 3 Hr Sampling

Compound	Maximum Allowable Amount, ,()	Results,()
Acetophenone & Derivatives	-	Not Detected
Alcohols	-	Infinity
Aliphatic Hydrocarbon	-	Infinity
Aliphatic & Aromatic Esters	-	Infinity
Alkylacrylate	-	Not Detected
Amines & Amides	-	Not Detected
Aromatic Hydrocarbon	-	Infinity
Benzoic Acid & Derivatives	-	Not Detected
Organic Acid	-	Not Detected
Organic Sulfur	-	Not Detected
BHT	-	Not Detected
Halogen Containing Hydrocarbons	-	Infinity
Phenols & Derivatievs	-	Infinity
Siloxanes	-	Infinity
Styrene	-	Not Detected
Ethyl Hexanol	-	Not Detected
Others & Unknowns	-	Not Detected
Trace Gimbal Assembly (TGA) Circuit	300	Infinity

ALS Testing Services  
(Thailand) Co.,Ltd.

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