

No. CTSPN/00308/16 Date: 21/02/2016 CTS Ref. CTSPN/16/0060/Premium Page: 1 of 5

PREMIUM MULTI INDUSTRIES SDN BHD 15-1-16, MEDAN KAMPUNG RELAU, BAYAN POINT, 11900 PENANG

The following merchandise was (were) submitted and identified by the client as:

| Sample Description Sample Receiving Date Testing Period | : | Himax Premium Lub TS-40 17/02/2016 17/02/2016 to 21/02/2016 |
|---------------------------------------------------------------|---|-------------------------------------------------------------------|
| Test Requested | : | Selected test(s) as requested by client |
| Test Method | : | Please refer to next page(s). |
| Test Results | : | Please refer to next page(s). |
| Analysts | : | Tan Lin Wei & Hooi Yee Man |

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Test Report

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Test results:

Test Part Description :

Sample Description : Himax Premium Lub TS-40

RoHS Directive 2011/65/EU Annex II

| Test Item(s): | Unit | Test Method | Results | <u>MDL</u> |
|----------------------------|-------|------------------------------------------------------------------------------------------|---------|------------|
| Cadmium(Cd) | mg/kg | With reference to EPA Method 3052, and performed by ICP-OES | N.D. | 2 |
| Lead (Pb) | mg/kg | With reference to EPA Method 3050B, and performed by ICP-OES | N.D. | 2 |
| Mercury (Hg) | mg/kg | With reference to EPA Method 3052, and performed by ICP-OES | N.D. | 2 |
| Hexavalent Chromium (CrVI) | mg/kg | With reference to EPA Method 3060A & 7196A, and performed by UV-VIS Spectrophotometry | N.D. | 2 |
| Sum of PBBs | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | - |
| Monobromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Dibromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Tribromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Tetrabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Hexabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Pentabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Heptabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Octabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Nonabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Decabromobiphenyl | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |

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| Sum of PBDEs | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | - |
|--------------------------|-------|---------------------------------------------------------------------|------|---|
| Monobromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Dibromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Tribromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Tetrabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Pentabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Hexabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Heptabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Octabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Nonabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |
| Decabromodiphenyl ether | mg/kg | With reference to EPA Method 3540C/3550C, and performed by GC-MS | N.D. | 5 |

Note : (a) mg/kg = ppm; (0.1wt% = 1000ppm)

(b) N.D. = Not Detected

(c) MDL = Method Detection Limit

(d) - = Not regulated

(e) Testing based on original basis

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Test Report

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Test Part Description :

Sample Description

Himax Premium Lub TS-40

:



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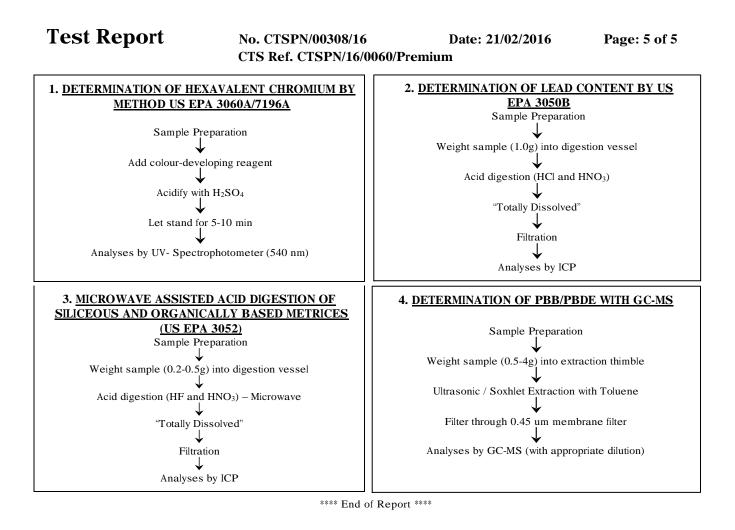
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