

**CERTIFICATE OF ANALYSIS****WORKING STANDARD**

Product Name : LUMEFANTRINE  
 Batch No. : WS-04/15 A. R. No. : LUM/15/WS-04  
 Mfg. Date : 04/07/2015 Date of analysis : 04/07/2015  
 Use before date : 03/07/2016 Ref. Standard Batch No. : WS-09/14

Sr. No.	Test	Result	Specification
01	Description	A yellow crystalline powder with characteristic odour.	A yellow crystalline powder with characteristic odour.
02	Identification By IR	Complies	The IR spectrum of sample is concordant with the IR spectrum of standard.
03	Loss on drying	0.22 %	Not more than 0.5 %
04	Melting point	125.8°C	Between 125.0°C to 130.0°C
05	Impurity profile 1) 2,7-Dichloro-4-oxiranylfuorenyl 2) 2,7-dichloro-alpha-[(dibutylamino)methyl]-9H-fluorene-4-methanol 3) Unknown Impurity 4) Total Impurities	Not detected Not detected 0.03 % 0.07 %	Not more than 0.15 % Not more than 0.15 % Not more than 0.5 % Not more than 2.0 %
06	Assay (On dried basis)	99.79 %	Not less than 98.0 % and not more than 100.5 %

**OPINION:** The product Complies as In House specification.

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07/07/2015  
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Chemist - QC

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