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## Certificate of Analysis

|                                 |                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------|
| <b>Product</b>                  | <b>89595 - 2,5-Diphenyloxazole scintillation grade (PPO)<br/>ExiPlus™ - [92-71-7]</b> |
| <b>Batch No</b>                 | <b>3666391</b>                                                                        |
| <b>Analysis Date</b>            | 17-Jan-2017                                                                           |
| <b>Date of Manufacture</b>      | January 2017                                                                          |
| <b>Expiry Date/Re-Test Date</b> | January 2022                                                                          |
| <b>Molecular Formula</b>        | C15H11NO                                                                              |
| <b>Molecular Weight</b>         | 221.26                                                                                |

| Test Parameters                                | Standards                    | Actual Results     |
|------------------------------------------------|------------------------------|--------------------|
| ExiPlus                                        | Meets compendial specs of BP | Passes             |
| Appearance (Colour)                            | White                        | White              |
| Appearance (Form)                              | Crystalline powder           | Crystalline powder |
| Solubility (Turbidity) 5% solution in methanol | Clear                        | Clear              |
| Solubility (Colour) 5% solution in methanol    | Colourless                   | Colourless         |
| Solubility (Turbidity) 4% solution in Toluene  | Clear                        | Clear              |
| Solubility (Colour) 4% solution in Toluene     | Colourless                   | Colourless         |
| Assay                                          | min. 99%                     | 99.6%              |
| Melting Point                                  | 70 -72°C                     | 72°C               |
| Water (KF)                                     | max. 0.5%                    | 0.1%               |

FRM/82/11/4/89595 Rev No. 1 Date 01/11/2015

Prepared by Sakshee

In compliance with the standard specifications of SRL

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