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Certificate of Analysis

Product	75522 - 2,5-Diphenyloxazole scintillation grade (PPO), 99% - [92-71-7]
Batch No	6430579
Analysis Date	17-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C15H11NO
Molecular Weight	221.26

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Pale Cream	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% solution in Methanol	Clear	Clear
Solubility (Colour) 5% solution in methanol	Colourless to pale yellow	Colourless
Solubility (Turbidity) 4% solution in Toluene	Clear	Clear
Solubility (Colour) 4% solution in Toluene	Colourless to pale yellow	Colourless
Assay (UV)	min. 99.0%	99.6%
Melting Point	70 - 72°C	72°C
Water (KF)	max. 0.5 %	0.2%

FRM/82/11/4/75522 Rev No. 2 Date 04/01/2023

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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