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Certificate of Analysis

Product	98342 - Diphenylamine extrapure AR, 99% - [122-39-4]
Batch No	4898646
Analysis Date	04-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	C12H11N
Molecular Weight	169.23

Test Parameters	Standards	Actual Results
Appearance (Colour)	Off-white	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2% solution in Methanol	Clear	Clear
Assay (HPLC)	min. 99 %	99.6%
Melting Point	53 - 55°C	54.6°C
Iron (Fe)	max.0.001%	Passes
Sulphated Ash	max. 0.02 %	Passes
Aniline (C6H7N)	max.0.001%	Passes
Nitrate (NO3)	Passes test	Passes
Sensitivity to Nitrate (NO3)	Passes test	Passes

FRM/82/11/4/98342 Rev No. 2 Date 28/12/2016

Prepared by Priti

In compliance with the standard specifications of SRL

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

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