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Certificate of Analysis

Product	23176 - Reactive Red 180 (Remazol Brilliant Red F3B) - [98114-32-0]
Batch No	1812284
Analysis Date	22-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C ₂₉ H ₁₉ N ₃ Na ₄ O ₁₇ S ₅
Molecular Weight	933.76

Test Parameters	Standards	Actual Results
Appearance (Colour)	Dark red to blackish red	Blackish red
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 5% solution in Methanol	Clear	Clear
Solubility (Colour) 5% solution in methanol	Red	Red
Loss on drying	max. 15%	8.39%
lambda max	545 - 550	548nm
Absorbance (A) of 1% solution in Methanol in a 1cm cell		
@548nm	min. 200	242.77

FRM/82/11/4/23176 Rev No. 2 Date 15/09/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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