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Certificate of Analysis

Product	84258 - Nitrofurantoin extrapure, 98-102% - [67-20-9]
Batch No	6896003
Analysis Date	05-Dec-2022
Date of Manufacture	December 2022
Expiry Date/Re-Test Date	December 2027
Molecular Formula	C ₈ H ₆ N ₄ O ₅
Molecular Weight	238.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	Lemon - yellow	Lemon - yellow
Appearance (Form)	Crystal / crystalline Powder	Crystalline Powder
Solubility (Turbidity) 5% solution in DMF	Clear	Clear
Solubility (Color) 5% Solution in DMF	Pale yellow	Pale yellow
Loss on drying	max 1%	0.05%
Sulphated Ash	max 0.1%	0.04%
Assay (UV)	98 - 102%	99.8%
TLC test	Passes test	Passes

FRM/82/11/4/84258 Rev No. 1 Date 21/02/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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