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Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : Diphenylamine AR
Batch No. : 227232
Date of Mfg. : Dec 2023
Date of Exp. : Nov 2028
Register No. : 2023-24
Qty of Sample : 100 gm
Date of Analysis : Dec 2023

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White to off white flakes / Powder, darkening on exposure to light.
2.	Assay (GLC)	99.31%	Min.99.0%
3.	Sensitivity to nitrate (NO ₃)	Passes	Min.1:1,600,000
4.	Insoluble matter	0.005%	Max.0.01%
5.	Sulphated ash	0.012%	Max.0.02%
6.	Nitrate (NO ₃)	Passes	Passes test
7.	Aniline (C ₆ H ₅ .NH ₂)	< 0.01%	Max.0.01%

Chief Chemist