

3138 – DIPHENYLAMINE EXTRA PURE

REF NO: TBL/QA/SS/LC/3138	STANDARD SPECIFICATION FOR DIPHENYLAMINE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date: 13/11/2021		Product code: 3138

PRODUCT PROPERTIES

C.A.S Number	122-39-4
Chemical Formula	C ₁₂ H ₁₁ N
Formula weight	169.22
Functional Uses	Diphenylamine may be used in the preparation of diphenylamine reagent, which is employed for the quantitative estimation of nucleic acid (DNA) from various biological sources by colorimetric method.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to transparent crystal.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Insoluble in ethanol	NMT – 0.01%
Sulphated ash	NMT – 0.03%
Iron (Fe)	NMT – 0.001%
Melting point	52 – 54°C
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

