



CERTIFICATE OF ANALYSIS

Product Name : N-1-NAPHTHYL ETHYLENE DIAMINE DIHYDROCHLORIDE 98% AR/ACS
Reagent for nitrite, potassium and sulphate for determination
of sulphonamide in blood.

Lot No. : B378852110 Analyzed On : 08-Oct-2021
Mol. Formula : C₁₂H₁₆Cl₂N₂ Mol. Weight : 259.18
Code No. : 04805 CAS No. : 1465-25-4
Mfg. Date : Oct-2021 Exp. Date : Sep-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White to beige or pink powder, crystals or chunks	white crystalline powder
2	Assay (argentometric; on dried basis)	Min 98.0%	100.82%
3	Infrared spectrum	Authentic	Authentic
4	Water (by KF)	Max 5.0%	0.06%
5	Loss on drying (at 80°C)	Max 5.0% (1 g, 4 hrs)	3.40%
6	Solubility (2% in hot water)	Clear	Clear
7	Sensitivity test (to sulfanilamide)	Passes test	Passes test

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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