BIO-CHEM CHEMICALS

CERTIFICATE OF ANALYSIS

Product Name	Diphenylamine 99% AR
Code No.	B-01076
Batch No.	BC/0565/19-3
Mfg.Date	SEPTEMBER - 2024
Date of Analysis	16/09/2024
Retest Date	AUGUST - 2029

TEST	SPECIFICATION	RESULT
Appearance	White to off white flakes/powder, darkening on exposure to light	White powder, darkening on exposure to light
Assay (GC area %)	Min 99%	99.52%
Melting range	52.5 - 54 °C	53 °C
Solubility in ethanol	Passes test	Passes test
Sulphated ash	Max 0.03%	0.023%
Nitrate (NO3)	Passes test	Passes test
Aniline (C6H5.NH2)	Max 0.01%	0.006%
Sensitivity for nitrate (NO3)	Min 1:1600000 (Passes ACS test)	Passes test
Copper (Cu)	Max 0.001%	0.0004%
Iron (Fe)	Max 0.001%	0.0004%
Nickel (Ni)	Max 0.001%	0.0004%
Lead (Pb)	Max 0.001%	0.0004%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on **info@biofinechemicals.com** or call on **+91-7404210730** Website- **www.biofinechemicals.com**