



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>DIPHENYLAMINE 99% AR</b>
<b>Cas No.</b>	:	<b>122-39-4</b>
<b>Code No.</b>	:	<b>01076</b>
<b>Batch No.</b>	:	<b>PC09241520</b>
<b>Mfg. Date</b>	:	<b>SEP-2024</b>
<b>Date Of Analysis</b>	:	<b>09/09/2024</b>
<b>Retest Date</b>	:	<b>AUG-2027</b>

TEST	SPECIFICATION	RESULT
Appearance	White to off white flakes/powder, darkening on exposure to light	White flakes
Purity (by GC)	Min 99.0%	99.36%
Melting range	52.5 - 54 °C	53.1 – 53.7°C
Solubility in ethanol	Passes test	Passes
Sulphated ash	Max 0.03%	0.007%
Nitrate (NO <sub>3</sub> )	Passes test	Passes
Aniline (C <sub>6</sub> H <sub>5</sub> .NH <sub>2</sub> )	Max 0.01%	0.005%
Sensitivity for nitrate (NO <sub>3</sub> )	Min 1:1600000 (Passes ACS test)	Complies
Copper (Cu)	Max 0.001%	0.0005%
Iron (Fe)	Max 0.001%	0.0007%
Nickel (Ni)	Max 0.001%	0.0009%
Lead (Pb)	Max 0.001%	0.0004%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)