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## Certificate of Analysis

<b>Product</b>	<b>44369 - N,N-Diethylaniline extrapure AR, 99% - [91-66-7]</b>
<b>Batch No</b>	<b>1811453</b>
<b>Analysis Date</b>	17-Aug-2022
<b>Date of Manufacture</b>	August 2022
<b>Expiry Date/Re-Test Date</b>	August 2027
<b>Molecular Formula</b>	C10H15N
<b>Molecular Weight</b>	149.24

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless to pale yellow	Pale yellow
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99%	99.72%
Density (g/ml) @ 20°C	0.933-0.935	0.933
Refractive Index (20°C)	1.541-1.542	1.541
Non Volatile Matter	max. 0.01%	0.0005%
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ethylaniline+aniline	max. 1%	Passes
Suitability as a reagent for Zinc (Zn)	Passes test	Passes
Water (KF)	max. 0.1%	0.02%

FRM/82/11/2/44369 Rev No. 1 Date 07/26/2017

Prepared by SGavhane

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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