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# Certificate of Analysis

|                                 |   |
|---------------------------------|---|
| <b>Product</b>                  | <b>67352 - Triethylamine for HPLC, 99.5% - [121-44-8]</b> |
| <b>Batch No</b>                 | <b>1344747</b>  |
| <b>Analysis Date</b>            | 09-May-2024   |
| <b>Date of Manufacture</b>      | May 2024  |
| <b>Expiry Date/Re-Test Date</b> | May 2029  |
| <b>Molecular Formula</b>        | C6H15N  |
| <b>Molecular Weight</b>         | 101.19  |

| Test Parameters                            | Standards    | Actual Results |
|--|--------------|----------------|
| Appearance (Clarity)                       | Clear        | Clear          |
| Appearance (Colour)                        | Colourless   | Colourless     |
| Appearance (Form)                          | Liquid       | Liquid         |
| Colour (APHA)                              | max. 10      | Passes         |
| Assay (GC)                                 | min. 99.5%   | 99.93%         |
| Density (g/ml) @ 20°C                      | 0.726-0.728  | 0.726          |
| Refractive Index (20°C)                    | 1.400-1.402  | 1.400          |
| Boiling Range                              | 88-92°C      | 88-92°C        |
| Non Volatile Matter                        | max. 0.0005% | 0.0001%        |
| Water (KF)                                 | max. 0.05%   | 0.03%          |
| %T (Transmission) in a 1cm cell<br>v/s H2O |              | .              |
| @280nm                                     | ≥10          | 15             |
| @290nm                                     | ≥30          | 30             |
| @310nm                                     | ≥40          | 46             |
| @330nm                                     | ≥60          | 63             |
| @360nm                                     | ≥80          | 89             |
| @380nm                                     | ≥90          | 95             |
| @390nm                                     | ≥95          | 100            |
| @400nm                                     | ≥98          | 100            |

FRM/82/11/2/67352 Rev No. 1 Date 01/11/2015

Prepared by Sanket

In compliance with the standard specifications of SRL

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