



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : TOLUENE LR**

|                         |                                     |                     |                    |
|-------------------------|-------------------------------------|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 108-88-3</b>                   | <b>Product code</b> | <b>: 19560</b>     |
| <b>Mol. Formula</b>     | <b>: C<sub>7</sub>H<sub>8</sub></b> | <b>Batch No</b>     | <b>: MCR-17250</b> |
| <b>Mol. WT</b>          | <b>: 92.14</b>                      | <b>Mfd.</b>         | <b>: Nov.2018</b>  |
| <b>Date of analysis</b> | <b>: 04/11/18</b>                   | <b>Exp.</b>         | <b>: Oct. 2023</b> |

| <b>S. R</b> | <b>Test</b>                                | <b>Specification</b>     | <b>Observation</b>       |
|-------------|--|--------------------------|--------------------------|
| 1           | <b>Description</b>                         | Clear colourless liquid. | Clear colourless liquid. |
| 2           | <b>Assay (GC)</b>                          | 99 % min                 | 99.95%                   |
| 3           | <b>Refractive index at 20<sup>0</sup>C</b> | 1.493-1.497              | 1.494                    |
| 4           | <b>Wt. per ml at 20<sup>0</sup>C</b>       | 0.860-0.867 g            | 0.865g                   |
| 5           | <b>Sulphur compound(CS<sub>2</sub>)</b>    | 0.0005% max              | <0.0005%                 |
| 6           | <b>Non volatile matter</b>                 | 0.005 % max              | 0.0007%                  |
| 7           | <b>Water (by KF)</b>                       | 0.1 % max                | 0.02%                    |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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