



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : QUINOLINE FOR SYNTHESIS**

**CAS No** : 91-22-5  
**Mol. Formula** : C<sub>9</sub>H<sub>7</sub>N  
**Mol. WT** : 129.16  
**Date of analysis** : 05/04/21

**Product code** : 17657  
**Batch No** : MCR-23152  
**Mfd.** : April 2021  
**Exp.** : March 2026

| S. R | Test                             | Specification                                                  | Observation                  |
|------|----------------------------------|----------------------------------------------------------------|------------------------------|
| 1    | Description                      | Clear colourless to Pale yellow or dark brown coloured liquid. | Pale yellow coloured liquid. |
| 2    | Assay (GC)                       | 97 % min                                                       | 98.24%                       |
| 3    | Wt. per ml. at 20 <sup>0</sup> C | 1.092 – 1.095 g                                                | 1.093 g                      |

**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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