



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : THIONYL CHLORIDE FOR SYNTHESIS**

**CAS No** : 7719-09-7  
**Mol. Formula** :  $\text{Cl}_2\text{OS}$   
**Mol. WT** : 118.97  
**Date of analysis** : 26/05/21

**Product code** : 19465  
**Batch No** : MCR-23456  
**Mfd.** : May 2021  
**Exp.** : April 2026

| S. R | Test                                            | Specification                                                     | Observation                                   |
|------|-------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------|
| 1    | Description                                     | A colourless to very pale yellow fuming liquid suffocating odour. | A colourless fuming liquid suffocating odour. |
| 2    | Assay                                           | 99 % min                                                          | 99.40%                                        |
| 3    | Wt. per ml at 20 <sup>0</sup> c                 | 1.635-1.638g                                                      | 1.636g                                        |
| 4    | Refractive Index (n) <sup>20</sup> <sub>D</sub> | 1.5165-1.5175                                                     | 1.5169                                        |

**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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