

## Certificate of Analysis

Date of Testing: 2024-08-31 17:14:17

Date of Next Testing: 2028-08-30 17:14:17

Product Name: **1,2,4-Trichlorobenzene**

CAS Number: 120-82-1

Specifications & Purity: spectrographic grade

Lot #: H2429097

SKU #: **T103303**

Version: **1**

Analysis #: **403395**

Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| UV Absorbance 350nm                 | 0-0.05                | 0.04                  |
| Purity(GC)                          | 99-100 (%)            | 99.61 %               |
| UV Absorbance 400nm                 | 0-0.01                | 0.00                  |
| Water by Karl Fischer               | 0-0.02 (%)            | 0.01 %                |
| UV Absorbance 308nm                 | 0-1                   | 0.65                  |
| UV Absorbance 310nm                 | 0-0.5                 | 0.31                  |
| UV Absorbance 375nm                 | 0-0.01                | 0.01                  |
| Refractive index n <sub>20</sub> /D | 1.57-1.573            | 1.57                  |
| Appearance (T103303)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| λ, H <sub>2</sub> O reference       | Pass                  | Pass                  |



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