

## Certificate of Analysis

Date of Testing: 2025-06-06 09:51:58  
Date of Next Testing: 2028-06-05 09:51:58  
Product Name: **2,2,2-Trifluoroethylhydrazine solution**  
CAS Number: 5042-30-8  
Specifications & Purity: 65 wt. % in H<sub>2</sub>O  
Lot #: K1908117  
SKU #: **T170638**  
Version: **0**  
Analysis #: **520438**  
Storage Temperature: Room temperature

| Parameter                               | Limit Values                    | Result                          |
|-----------------------------------------|---------------------------------|---------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 60-70 (%)                       | 62.50%                          |
| Appearance (T170638)                    | colorless to light green liquid | colorless to light green liquid |
| Proton NMR spectrum                     | Conforms to Structure           | Conforms to Structure           |



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QA & QC Manager