

## Certificate of Analysis

Date of Testing: 2022-09-07 14:34:46  
Date of Next Testing: 2026-09-06 14:34:46  
Product Name: **N,N-Diethylhydroxylamine**  
CAS Number: 3710-84-7  
Specifications & Purity: 98%  
Lot #: I2203181  
SKU #: **D109383**  
**Analysis:** **104580**  
Storage Temperature: Argon charged

| Parameter                               | Limit Values                     | Result                           |
|-----------------------------------------|----------------------------------|----------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                   | 98.02 %                          |
| Density (20°C)                          | 0.867-0.871                      | 0.87                             |
| Refractive index n <sub>20</sub> /D     | 1.417-1.422                      | 1.42                             |
| Appearance (D109383)                    | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                       | Conforms to Structure            | Conforms to Structure            |
| Proton NMR spectrum                     | Conforms to Structure            | Conforms to Structure            |



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QA & QC Manager