

## Certificate of Analysis

Date of Testing: 2024-05-08 09:55:59

Date of Next Testing: 2028-05-07 09:55:59

Product Name: **N,N-Diethylhydroxylamine**

CAS Number: 3710-84-7

Specifications & Purity: 98%

Lot #: G2021110

SKU #: **D109383**

**Analysis:** **354542**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                     | Result                           |
|-----------------------------------------|----------------------------------|----------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                   | 98.50 %                          |
| 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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