

## Certificate of Analysis

Date of Testing: 2023-09-19 10:42:20

Date of Next Testing: 2025-09-08 10:42:20

Product Name: **Diethyl(hydroxymethyl)phosphonate**

CAS Number: 3084-40-0

Specifications & Purity: 97%

Lot #: L2103455

SKU #: **D122952**

**Analysis:** **277874**

Storage Temperature: Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 97-100 (%)            | 97.62 %               |
| Density (20°C)                      | 1.164-1.167           | 1.17                  |
| Refractive index n <sub>20</sub> /D | 1.435-1.439           | 1.44                  |
| Appearance (D122952)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



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