

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-12 13:48:11

Date of Next Testing: 2029-09-11 13:48:11

Product Name: **Hydroxyethyl cellulose (HEC)**

CAS Number: 9004-62-0

Specifications & Purity: 800-1500mPa · s, 2% aqueous solution at 20 °C

Lot #: I2511064

SKU # **B742516**

Version **1**

**Analysis #:** **536967**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                | Limit Values                                  | Result                                        |
|----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Drying loss                                              | ≤10 (%)                                       | 0.00000 %                                     |
| Ignition Residue (as sulfate) 0-16 (%)                   |                                               | 5.46068 %                                     |
| Viscosity(2% in H <sub>2</sub> O, 20°C) 800-1500 (mPa·S) |                                               | 1295.00000 mPa·S                              |
| Appearance(B742516)                                      | White to Light red to Green powder to crystal | White to Light red to Green powder to crystal |
| Solubility in Water                                      | almost transparency                           | almost transparency                           |
| Infrared spectrum                                        | Conforms to Structure                         | Conforms to Structure                         |



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QA & QC Manager