

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Hydroxyethyl Cellulose 4000
<b>Product Code</b>	AL00483
<b>INCI Name</b>	Hydroxyethyl Cellulose
<b>CAS Number</b>	9004-62-0
<b>Lot Number</b>	HE2602087
<b>Manufacture Date</b>	02/2026
<b>Re-test Date</b>	02/2028

Item	Specification	Test
<b>Moisture, as packed</b>	≤5.0%	3.8%
<b>Ash content</b>	≤3.0%	1.5%
<b>pH (1% solution)</b>	6.0–8.5	6.8
<b>Viscosity 1.0% aqueous solution, 25°C Brookfield IV, 30 rpm, s64</b>	3,400–5,000 cp	4,199 cp
<b>As</b>	≤2 ppm	<2 ppm
<b>Pb</b>	≤10 ppm	<10 ppm
<b>Bacterial count</b>	≤1000 cfu/g	Approved
<b>Mold and Yeast</b>	≤100 cfu/g	Approved
<b>Pseudomonas aeruginosa</b>	Negative	Negative
<b>Staphylococcus aureus</b>	Negative	Negative

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for a period longer than the one specified above, quality should be checked before use.

**As it is electronically generated document, hence no signature required**

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