

## Certificate of Analysis

Date of Testing: 2022-03-20 13:35:42

Date of Next Testing: 2024-03-09 13:35:42

Product Name: **Mowiol® PVA-105**

CAS Number: 9002-89-5

Specifications & Purity: Mw ~47,000

Lot #: C2215312

SKU #: **P119363**

**Analysis: 083770**

| Parameter  | Limit Values                                       | Result   |
|--|--|--|
| PH   | 5-7  | 5.90   |
| Degree of hydrolysis                             | 98-98.8 (%)  | 98.43 %  |
| Ignition Residue                                 | 0-0.5 (%)  | 0.30 %   |
| Viscosity (stokes,4 % in H <sub>2</sub> O, 20°C) | 5-7 (mPa·S)  | 5.40 mPa·S   |
| Residual content of acetyl                       | 1.1-1.9 (%)  | 1.50 %   |
| Purity   | 95-100%  | 95.00 %  |
| Solubility in cold H <sub>2</sub> O              | Colorless to Faint Yellow,Clear to Hazy at 50mg/ml | Colorless to Faint Yellow,Clear to Hazy at 50mg/ml |



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