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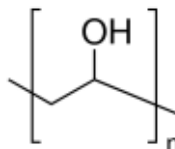
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Poly(vinyl alcohol) - Mw 89,000-98,000, 99+% hydrolyzed

**Product Number:** 341584  
**Batch Number:** MKCJ0938  
**Brand:** ALDRICH  
**CAS Number:** 9002-89-5  
**MDL Number:** MFCD00081922  
**Quality Release Date:** 17 JAN 2019



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Assay	99.0 - 99.8 %	99.5 %
Hydrolysis: Mol %		
Loss on Drying	≤ 5.000 %	0.490 %
Residue on ignition (Ash)	≤ 0.7 %	0.3 %
Viscosity	11.6 - 15.4 cps	14.5 cps
c = 4%; Water @20 Degrees Celsius		
pH	5.0 - 7.0	5.7

Michael Grady, Manager  
Quality Control  
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.