

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-10 19:26:34  
Date of Next Testing: 2023-10-10 19:26:34  
Product Name: **1-Vinyl-2-pyrrolidone**  
CAS Number: 88-12-0  
Specifications & Purity: 99%,contains100ppm NaOH as stabilizer  
Lot #: D2306021  
SKU #: **V106155**  
**Analysis:** **186318**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	1.044-1.047	1.04
Purity(GC)	99-100 (%)	99.28 %
Refractive index n <sub>20</sub> /D	1.512-1.515	1.51
Appearance (V106155)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (100 ppm Sodium hydroxide)	Conforms	Conforms



John Su  
QA & QC Manager