

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-28 10:43:37  
 Date of Next Testing: 2026-10-28 10:43:37  
 Product Name: **1-Vinyl-2-pyrrolidone (NVP)**  
 CAS Number: 88-12-0  
 Specifications & Purity:  $\geq 99\%$ , contains 100 ppm sodium hydroxide as inhibitor  
 Lot #: D2624507  
 SKU #: **V106155**  
 Version: **1**  
 Analysis #: **694859**  
 Storage Temperature: Store at 2-8°C

| Parameter                            | Limit Values                     | Result                           |
|--------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D  | 1.512-1.515                      | 1.51382                          |
| Density (20°C)                       | 1.044-1.047                      | 1.04510                          |
| Purity(GC)                           | 99-100 (%)                       | 99.88400 %                       |
| Appearance (V106155)                 | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                  | Conforms to Structure            | Conforms to Structure            |
| Stability (100 ppm Sodium hydroxide) | Conforms                         | Conforms                         |



John Su  
QA & QC Manager