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质量报告单  
**CERTIFICATE OF ANALYSIS**

|                                                 |                                      |                          |
|-------------------------------------------------|--------------------------------------|--------------------------|
| Product name                                    | PNPG                                 |                          |
| CAS No.                                         | 3150-24-1                            |                          |
| Standard adopted                                | Enterprise standard                  |                          |
| Items of analysis                               | Specification                        | Results                  |
| Appearance                                      | White/Pale Yellow Crystalline Powder | White Crystalline Powder |
| Solubility, 1 % Water                           | Clear, Colorless Solution            | Clear Solution           |
| TLC (acid ester/methyl alcohol=6/1)             | Single Spot                          | Single Spot              |
| Purity(HPLC)                                    | Min98%                               | 98.4%                    |
| Specific optical rotation(c=1,H <sub>2</sub> O) | - 82- - 86°                          | - 84.7°                  |
| Conclusion                                      | Qualified                            |                          |



质检员: 石雨

Quality inspector: Yu Shi

审核员: 宋红梅

Auditor: Hongmei Song