

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** 5-Phosphorylribose-1-pyrophosphate Sodium Salt Hydrate  
**Catalog Number:** 100981  
**Lot:** Q4260

**Formula:** C<sub>4</sub>H<sub>13</sub>O<sub>14</sub>P<sub>3</sub> (free acid)  
**CAS #:** 108321-05-7  
**Physical Description:** White Powder

**Formula Weight:** 390.1 (free acid)  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Water Content (KF)	Report Result	3%
Sodium Content (ICP)	Report Result	23% (anhydrous basis)
Expiration Date	Month/Day/Year	11/30/2017

Purity (Enzymatic Assay, anhydrous basis): 75%  
Solubility (50mg/mL in water): slightly hazy, colorless solution  
Solvent Content (GC): 2%



05/29/2016 - John Huang, PhD  
MP Biomedicals, LLC  
Quality Control Manager

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