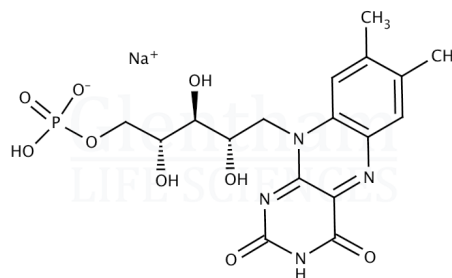


## Certificate of Analysis

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| Product Name       | Riboflavin-5"-phosphate monosodium salt hydrate                                      |
| Glentham Code      | GP6544                                                                               |
| CAS Number         | 130-40-5                                                                             |
| EINECS             | 204-988-6                                                                            |
| Numéro MDL         | MFCD00150992                                                                         |
| CAS supplémentaire | 6184-17-4 ( $\cdot 2\text{H}_2\text{O}$ )                                            |
| Batch Number       | 032JPK                                                                               |
| Molecular Weight   | 514.36                                                                               |
| Molecular Formula  | $\text{C}_{17}\text{H}_{20}\text{N}_4\text{NaO}_9\text{P} \cdot x\text{H}_2\text{O}$ |
| Storage Temp.      | -20°C                                                                                |



| Property                    | Specification                           | Batch 032JPK |
|-----------------------------|-----------------------------------------|--------------|
| Physical Description        | Yellow to orange crystalline powder     | Conforms     |
| Solubility (5% in water)    | Clear, yellow to orange solution        | Conforms     |
| Free Riboflavin             | $\leq 6.0\%$                            | 4.2%         |
| Riboflavin Diphosphosphates | $\leq 6.0\%$                            | 4.6%         |
| Loss on Drying              | $\leq 7.5\%$                            | 5.6%         |
| Assay                       | 73.0 - 79.0 % (Riboflavin, dried basis) | 76.0%        |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2017-02-15 |
| Re-Test Date          | 2027-02-22 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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