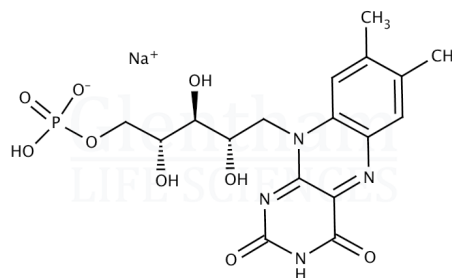


Certificate of Analysis

Product Name	Riboflavin-5"-phosphate monosodium salt hydrate
Glentham Code	GP6544
CAS Number	130-40-5
EINECS	204-988-6
MDL Number	MFCD00150992
Additional CAS	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 or contact us using the details above for the current version of this document.

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