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## CERTIFICATE OF ANALYSIS

Analysis Date:

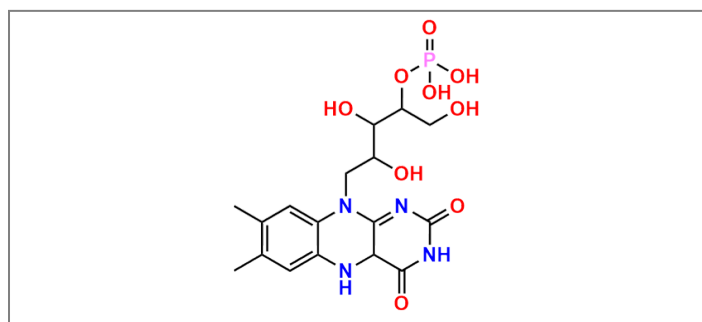
Re-test Date:

**Product Name: Riboflavin Impurity 6**

### Identification:

Chemical Name: 5-(7,8-dimethyl-2,4-dioxo-3,4,4a,5-tetrahydrobenzo[g]pteridin-10(2H)-yl)-1,3,4-trihydroxypentan-2-yl dihydrogen phosphate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-R41024  
Molecular Formula : C<sub>17</sub>H<sub>23</sub>N<sub>4</sub>O<sub>9</sub>P  
Molecular Weight : 458.4



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.