

Code No.06-0017

## SPECIFICATION

## Riboflavin Sodium Phosphate

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Reddish yellow powder
Solubility in water	to pass test
* Ratio of absorbance (E $\lambda$ max2/E $\lambda$ max1)	0.305~0.345
* Ratio of absorbance (E $\lambda$ max3/E $\lambda$ max1)	0.360~0.400
Water	max.10.0%
Free phosphoric acid (H <sub>3</sub> PO <sub>4</sub> ) (calculated on the dehydrous basis)	under investigation
Lumiflavin	to pass test
Assay (calculated on the dehydrous basis)	min.95.0%

\*:  $\lambda$  max1;absorption maximum of about 266nm  $\lambda$  max2;absorption maximum of about 373nm  $\lambda$  max3;absorption maximum of about 445nm