

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 ($E_{\lambda \text{ max}2}/E_{\lambda \text{ max}1}$)	0.305~0.345
* Ratio of absorbance ($E_{\lambda \text{ max}3}/E_{\lambda \text{ max}1}$)	0.360~0.400
Water	max.10.0%
Free phosphoric acid (H_3PO_4) (calculated on the dehydrous basis)	under investigation
Lumiflavin	to pass test
Assay (calculated on the dehydrous basis)	min.95.0%

*: $\lambda \text{ max}1$;absorption maximum of about 266nm $\lambda \text{ max}2$;absorption maximum of about 373nm $\lambda \text{ max}3$;absorption maximum of about 445nm