

Code No.01-2459

## SPECIFICATION

Adenosine  
for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White ~ nearly white, crystals ~ powder
Solubility in water	to pass test
Specific rotation [ $\alpha$ ]D20(c=0.6,H2O)	-60~-65°
Absorption maximum	253~261nm
Ratio of absorbance (E250nm/E260nm)	0.81~0.87
Ratio of absorbance (E280nm/E260nm)	0.19~0.25
Loss on drying at 110°C	max.0.5%
Heavy metals (as Pb)	max.10ppm
Assay (HPLC)	min.98.0%