

SPECIFICATION

2'-Deoxyadenosine Monohydrate

for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Absorption maximum	257~261nm
Molar absorptivity (λ max)	14550~15450
Ratio of absorbance (E250nm/E260nm)	0.75~0.83
Ratio of absorbance (E280nm/E260nm)	0.12~0.18
Water	max.8.0%
Copper (Cu)	max.5ppm
Lead (Pb)	max.5ppm
Iron (Fe)	max.10ppm
Arsenic (As)	max.2ppm
Assay (molecular absorptiometric analysis)	97.0~103.0%
Assay (HPLC)	min.97.0%