



江蘇華宇化工有限公司  
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**Specification of Adenosine**

Items	Specification
Description	A white or almost white crystalline powder
Identification	IR spectrum should match with that of working standard
Melting point	233.0~238.0℃
Loss on drying	Not more than 0.50%
Residue on ignition	Not more than 0.10%
Specific Rotation(20mg/1mL of Sodium Hydroxide sol'n)	-68.0°~ -72.0°
Specific Rotation(0.706g/100mL water 100mm cell)	-58.0°~ -62.0°
Heavy Metals	Not more than 10ppm
Limit of chloride	Not more than 0.007%
Limit of Ammonia	Not more than 0.0004%
Limit of sulfate	Not more than 0.02%
Total impurities	Not more than 0.5%
Assay(on dried basis)	99.0%~101.0%