

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Adenosine**  
Specifications & Purity: PharmPure™,USP,Endotoxin< 1000EU/g;Microbial Limit≤ 100cfu/g  
SKU #: **GMP1508325**

Parameter	Limit Values
Appearance(GMP1508325)	White or almost white crystalline powder
Identity(IR)	Passes test
Identity	pass
Melting point	233-238 (°C)
Assay(dry basis)	99-101 (%)
Residue on Ignition	0-0.1 (%)
Uridine	0-0.1 (%)
Adenine	0-0.2 (%)
Inosine	0-0.1 (%)
Guanosine	0-0.1 (%)
Any individual unspecified impurity (HPLC)	0-0.1 (%)
Specific rotation $[\alpha]_{20/D}(C=2 \text{ in NaOH})$	-72~-68 (°)
Loss on drying	0-0.5 (%)
Limit of chloride	0-70 (ppm)
Limit of Ammonia	0-4 (ppm)
Limit of sulfate	0-0.02 (%)
Heavy metals	0-10 (ppm)
Total Plate Count	0-100(CFU/g)
Endotoxin Assay	0-1000 (EU/g)
Total Impurities	0-0.5 (%)