

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 10:30:27
 Date of Next Testing: 2029-08-18 10:30:27
 Product Name: **Adenosine 5'-Diphosphate Disodium Salt**
 CAS Number: 16178-48-6
 Specifications & Purity: Moligand™, ≥98%(N)
 Lot #: H2508051
 SKU #: **A107042**
 Version: **1**
 Analysis #: **207913**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=0.5 in 0.5mol/L Na ₂ HPO ₄ sol.)	-32--29 (°)	-29.46500 °
Water by Karl Fischer	0-15 (%)	11.74590 %
Purity(with Total Nitrogen)(calcd.on anh.substance)	98-100 (%)	99.10000 %
Appearance (A107042)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager