

Certificate of Analysis

Date of Testing: 2023-04-14 17:55:57

Date of Next Testing: 2027-04-13 17:55:57

Product Name: **Adenosine 5'-Diphosphate Disodium Salt**

CAS Number: 16178-48-6

Specifications & Purity: >98.0%(N)

Lot #: D2311209

SKU #: **A107042**

Analysis: **202053**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	3.75 %
Specific Rotation [α] ₂₀ /D(c=0.5 in 0.5mol/L Na ₂ HPO ₄ sol.)	-32--29 (°)	-31.90 °
Purity(with Total Nitrogen)(calcd.on anh.substance)	98-100 (%)	98.10000 %
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