

Specification

Technical Data Sheet

CAS 16178-48-6	STORAGE -15 to -20 °C	MOLECULAR WEIGHT 471.16
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PRODUCT**Adenosine-5'-diphosphate disodium salt (ADP)**

Product number	22770490
CAS number	16178-48-6
Molecular formula	C ₁₀ H ₁₃ N ₅ Na ₂ O ₁₀ P ₂
Molecular weight	471.16 g/mol

PARAMETER	SPECIFICATION
Appearance	White to off-white powder
Conclusion	Complies with the enterprise standard
Identification	Conforms to reference
Loss on Drying	≤10.0%
pH	2.5-5.0
Purity (HPLC)	≥95.0%
Clarity and colour of solution	Clear and colourless
Protein	Should comply with the standard
A280/A260	0.17 - 0.27
A250/A260	0.79 - 0.89
Assay (Anhydrous)	≥90.0%
Identification (UV)	The Max. absorption at 257±1nm

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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