

Certificate of Quality

Product Name: Adenosine-5'-diphosphate (ADP), Disodium Dihydrate

Involved in energy and nucleic acid metabolism.

Product Code:	A2123	CAS #:	16178-48-6
Grade:	Ultra Pure	Formula:	C ₁₀ H ₁₃ N ₅ O ₁₀ P ₂ Na ₂ · 2H ₂ O
Appearance:	White, crystalline powder	MW:	507.17
Reassay Date:	2 years after shipping date	Lot#:	See product label
Storage:	-20°C. Protect from moisture. Allow to come to room temperature before opening. avoid freeze-thaw cycles.		

TEST	SPECIFICATION	RESULT
A250/A260	0.74-0.82	Passes
A280/A260	0.13-0.19	Passes
ATP	≤ 1%	Passes
Heavy Metals	≤ 0.002%	Passes
Arsenic	≤ 0.0001%	Passes
Solubility (5%, Water)	Passes	Passes
Em (259nm, Phosphate Buffer, pH 7.0)	≥ 14510	Passes
Moisture (LOD)	≤ 8%	Passes

Data Verified by M. He. Verification Date: 2020-01-06

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