

Certificate of Analysis

SIGMA-ALDRICH

Product Name	(-)-Adenosine 3'-monophosphate hydrate, 99%
Product Number	851949
Product Brand	ALDRICH
CAS Number	699012-36-7
Molecular Formula	$C_{10}H_{14}N_5O_7P \cdot xH_2O$
Molecular Weight	347.22 (anhydrous basis)
Storage Temp	room temp

TEST

APPEARANCE

INFRARED SPECTRUM

HIGH PRESSURE LIQUID

TITRATION

SOLUBILITY

QUALITY CONTROL

SPECIFICATION

WHITE POWDER

CONFORMS TO
STRUCTURE.

$\geq 98\%$

$\leq 12\%$ H₂O

5%, 1N NH₄OH; CLEAR,
COLORLESS SOLUTION

LOT 10820EB RESULTS

WHITE POWDER

CONFORMS TO
STRUCTURE AND
STANDARD

99 %

11.6 % H₂O (WITH "KARL
FISCHER" REAGENT)

50 MG/ML, 1N NH₄OH;
CLEAR COLORLESS
SOLUTION

MAY, 2003



Barbara Rajzer, Supervisor
Quality Control
Milwaukee, Wisconsin USA