

Certificate of Analysis

SIGMA-ALDRICH®

Product Name	Adenosine, ≥99%
Product Number	A9251
Product Brand	SIGMA
CAS Number	58-61-7
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₄
Molecular Weight	267.24
Storage Temp	2-8°C

TEST

SPECIFICATION

LOT 095K1186 RESULTS

APPEARANCE

WHITE POWDER

CONFORMS

SOLUBILITY

CLEAR COLORLESS
SOLUTION AT 200 MG
PLUS 4 ML OF 1 M
AMMONIUM
HYDROXIDE

CONFORMS

ULTRAVIOLET/VISIBLE SPECTRUM

EMM = 14.6 TO 15.2 AT
LAMBDA MAX 259 TO
260 NM AT PH 7.0

EMM = 15.0 AT LAMBDA
MAX 260 NM

PURITY BY HPLC

99% MINIMUM

99%

RECOMMENDED RETEST

5 YEARS

OCTOBER 2010

QC RELEASE DATE

OCTOBER 2005

PRODUCT CROSS REFERENCE INFORMATION

REPLACEMENT FOR
ALDRICH #146595



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