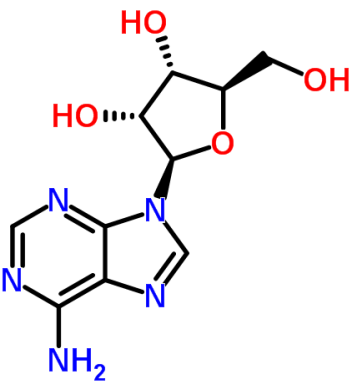


## Certificate of Analysis

Product Name	Adenosine/腺昔	
Catalog Number	1002	
Lot Number	10021	

Chemical Name	Adenosine
Chemical Formula	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>
Chemical Family	Alkaloids
Molecular Weight	267.24
CAS Number	58-61-7
Appearance (Color)	White
Appearance (Form)	Powder

### Analytical Test

Test	Result
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC/DAD Analysis	≥98.0%

### Storage Conditions:

Storage:	Refer to label
Before use:	Keep container tightly closed

*TLCM certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated criteria. Warranty does not apply after opening.*

Date of Certificate: 01/02/2013

## Product Analysis Report

### Analytical Test

Test	Results
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC/DAD Analysis	≥98.0%

### Spectral and Physical Data

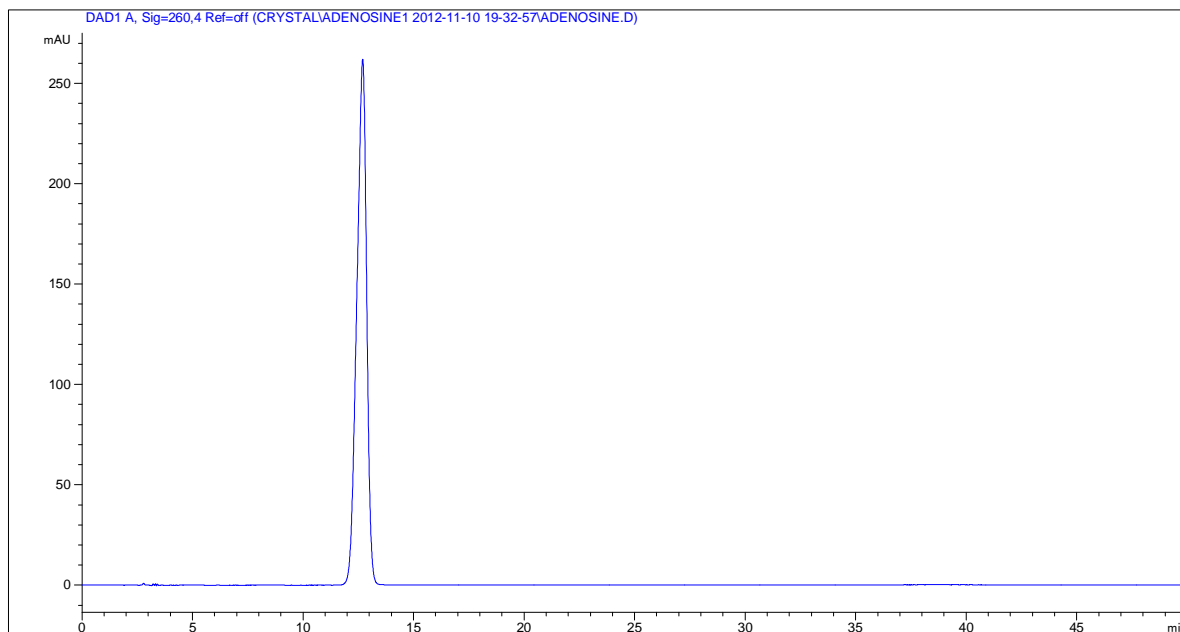
#### HPLC

HPLC system : Agilent 1200 series  
Column : Inertsil, C18, 4.6 x 250 mm, 5µm or equivalent  
Injection volume : 10 µl  
Detector : DAD  
Detector wavelength : 240 nm  
Flow rate : 1.0 mL/min  
Mobile phase :

Time (min)	% phosphate buffer	% MeOH	Flow rate (mL/min)
0→50	85	15	1.0

Date File Name : A5-C:\CHEM32\1\DATA\CRYSTAL\ADENOSINE1  
2012-11-10 19-32-57\ ADENOSINE.D  
Operator : DUAN Ran  
Sample Lot Number : 10021  
Method File : ADENOSINE 1  
Acquired : 10/11/2012

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Adenosine	12.7	8106.2	100.00