

### Certificate of Analysis

<b>Product Name</b>	Coenzyme A
<b>Catalog No.</b>	V29071
<b>Batch No.</b>	V2907101

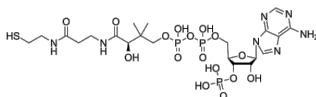
#### 1. Physical and Chemical Properties

<b>Appearance</b>	white or yellow-off powder
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>36</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> S
<b>Molecular Weight</b>	767.53
<b>Purity</b>	≥98.0%
<b>CAS No.</b>	85-61-0
<b>Production Date</b>	
<b>Retest Date</b>	2029-02-23

#### 2. Analytical Data

Test Item	Specification	Result
<b>Loss On Dry</b>	≤0.5%	0.1%
<b>Distinguish</b>	Maximum absorption at 258nm and minimum absorption at 230nm	Maximum absorption at 259m wavelength and minimum absorption at 229 wavelength
<b>Clarification and color of the solution</b>	Should comply with the regulations	specification
<b>Equality</b>	Should comply with the regulations	specification
<b>Organic solvent residues</b>	Should comply with the regulations	specification
<b>Related Substance</b>	≤15%	10.15%
<b>Bacterial endomycin</b>	The amount of endomycin per unit of coenzyme A should be less than 0.25BU	specification
<b>Titration</b>	The titer per 1mg of coenzyme A shall not be less than 250 units	320u/mg

#### 3. Structure



#### 4. Storage Condition

<b>Storage Condition</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
<b>Note:</b> (1). This product requires protection from light (avoid light exposure) during transportation and storage. (2). Please store this product in a sealed and protected environment (e.g. under nitrogen), avoid exposure to moisture.			

**Products are for research use only • Not for human or veterinary use**

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