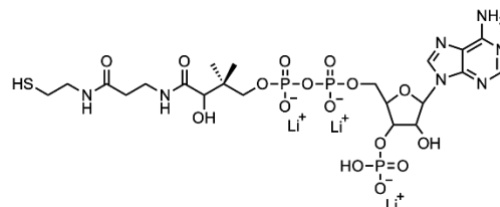


## PRODUCT SPECIFICATION SHEET

### Product Details:

<b>Name of material</b>	Coenzyme A, Trilithium salt
<b>Product ID / SKU</b>	A-03
<b>Purity</b>	≥ 98.0% (HPLC, 259 nm)
<b>Origin</b>	Biosynthetic
<b>CAS No.</b>	18439-24-2
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>33</sub> N <sub>7</sub> O <sub>16</sub> P <sub>3</sub> S · 3Li
<b>Molecular Weight</b>	767.53 g/mol (free acid basis)



### Chemical & Physical Properties:

<b>Appearance</b>	White to slightly yellow
<b>Odor</b>	Specific
<b>Consistency</b>	Powder to crystalline powder
<b>Solubility</b>	Soluble in water

### Storage Conditions:

<b>Long-term storage</b>	Store at -20°C in the original tightly closed container, protected from air, light, and humidity.
<b>Short-term exposure tolerance</b>	The product may withstand temporary temperature excursions up to room temperature for up to 5 days during transport in a special outer package, if the provided packaging remains sealed and protected from direct sunlight and humidity.

### Recommended Shelf Life:

24 months after production, in unopened original packaging maintained under recommended storage conditions.

### Analysis

### Action Limit

<b>Purity</b>	HPLC (259 nm)	≥ 98.0%
<b>Purity</b>	Enzymatic (PTA, 233 nm)	≥ 90.0%
<b>Water content</b>	Loss on drying	≤ 8%
<b>Lithium</b>	AAS or ICP-OES	3.0 ± 1.5%