

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material Valeryl Coenzyme A, Free Acid

Product ID / SKU A-11

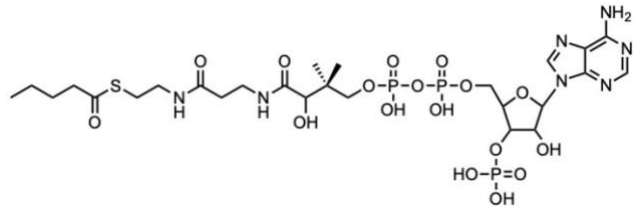
Purity ≥ 95.0%
(HPLC, 259 nm)

Origin Synthetic

CAS No. 4752-33-4

Molecular Formula C₂₆H₄₄N₇O₁₇P₃S · xNa

Molecular Weight 851.65 g/mol



Chemical & Physical Properties:

Appearance White to slightly yellow

Consistency Powder to crystalline powder

Solubility Soluble in water

Storage Conditions:

Long-term storage Store at -20°C in the original tightly closed container, protected from air, light, and humidity.

Short-term exposure tolerance 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. A 3-month quality verification (re-test) is conducted to confirm continued compliance with specifications.

Analysis

Action Limit

| | | |
|-----------------|--|----------|
| Purity | HPLC (259 nm) | ≥ 95.0% |
| Identity | NMR (¹ H, ³¹ P) | Conforms |