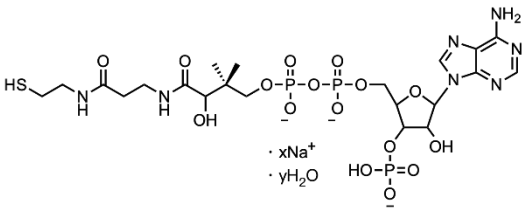
coenza

dedicated to Coenzyme A

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material	Coenzyme A, Sodium salt
Product ID / SKU	A-17
Purity	≥ 98.0% (HPLC, 259 nm)
Origin	Biosynthetic
CAS No.	55672-92-9
Molecular Formula	$C_{21}H_{33}N_7O_{16}P_3S \cdot xNa \cdot yH_2O$
Molecular Weight	767.53 g/mol (free acid basis)



Chemical & Physical Properties:

Appearance	White to slightly yellow
Odor	Specific
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)	≥ 98.0%
Purity	Enzymatic (259 nm)	≥ 90.0%
Water content	Loss on drying	≤ 8%
Sodium	AAS or ICP-OES	8.5 ± 1.5%

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