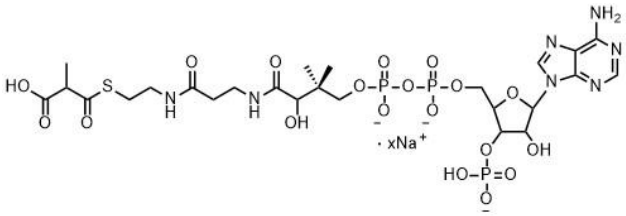
coenza

dedicated to Coenzyme A

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material	Methylmalonyl Coenzyme A, Sodium salt
Product ID / SKU	A-40
Purity	≥ 95.0% (HPLC, 259 nm)
Origin	Synthetic
CAS No.	N/A
Molecular Formula	$C_{25}H_{37}N_7O_{19}P_3S \cdot xNa$
Molecular Weight	867.61 g/mol (free acid basis)



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

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