

PRODUCT SPECIFICATION SHEET

Product Details:

Name of material 4'-phosphopantetheine, Free acid

Product ID / SKU A-73

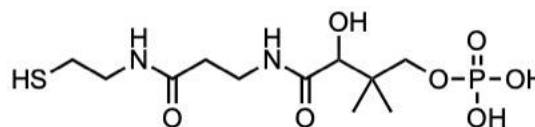
Purity $\geq 95.0\%$
(HPLC, 210 nm)

Origin Synthetic

CAS No. 2226-71-3

Molecular Formula $C_{10}H_{23}N_2O_7PS$

Molecular Weight 358.35 g/mol



Chemical & Physical Properties:

Appearance White to colorless

Consistency Solid

Storage Conditions:

Long-term storage Store at $-20^{\circ}C$ 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) $\geq 95.0\%$

Identity NMR (1H , ^{31}P) Conforms