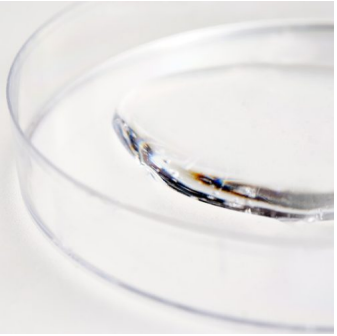
Vitamin B5 (Calcium Pantothenate and D-Panthenol)

Calcium D-pantothenate / D-panthenol · Not a botanical

Water-soluble B vitamin, not a plant extract

Pantothenic Acid (Vitamin B5) as calcium pantothenate powder (assay 98.0-101.0%) and liquid D-panthenol (98% min).





98.0-101.0%
Typical assay

Not a botanical
Vitamin ingredient

5 kg
Trial order. Samples available.

To order
Sourced through partners

Specification

India / common name	Vitamin B5, Pantothenic acid, Calcium pantothenate
Chemical name	Calcium D-pantothenate / D-panthenol; not a botanical
Family	Not applicable (not a plant)
Part used	Not applicable
Form available	Powder (calcium pantothenate), liquid (D-panthenol)
Standardisation	Not an extract. Calcium D-pantothenate assay 98.0-101.0% (USP / EP); D-panthenol 98% min
MOQ	5 kg trial order available, as per buyer request
Origin	Limited in India; sourced to order
Packaging	5 kg trial pack. Samples available. Bulk: Food-grade, foil-lined bags or fibre drums, as agreed
Shipping	FOB or CIF, worldwide by air or sea. Terms and timing confirmed in the quotation

Overview

Vitamin B5 is sold as calcium D-pantothenate (a powder) and as D-panthenol (a liquid used in personal care). Neither is a botanical. Faar Earth Collective Exports sources both to order through qualified manufacturers. Calcium D-pantothenate assay is 98.0% to 101.0% to USP or EP, and D-panthenol is 98% minimum.

Available forms and grades

Calcium D-pantothenate	Powder, assay 98.0-101.0%, for tablets, capsules and premixes.
D-panthenol (liquid)	Liquid provitamin B5, 98% min, for skin and hair care.
Pharmacopoeial grades	USP or EP documents on request.

Custom specification	Form and test method agreed per buyer.

Applications

Supplement and multivitamin makers, fortified food processors, hair-care and skin-care makers (D-panthenol), animal feed makers.

Multivitamin tablets and capsules	Standard B-complex and multivitamin formulas.
Gummies and chewables	Used in children's and adult gummies, with overage planned for stability.
Fortified foods and beverages	Added to flour, cereals and drinks, subject to local rules.
Sports and energy products	Used in drink powders, sachets and nutrition blends.
Effervescent tablets and powders	Used in ready-to-mix and soluble formats.
Infant and clinical nutrition	Where permitted and made to the right grade.
Premixes and blends	Combined with other B vitamins in complex premixes.
Private label and contract manufacturing	Bulk and custom-spec supply for brands, contract packers and formulators.

Buyer notes

Specify the D form. The DL form is a different, lower-value product. Choose calcium pantothenate for supplements and D-panthenol for cosmetics. Ask for the assay, optical rotation and pharmacopoeia grade.

Percentages shown are typical commercial grades. The exact grade and test method are confirmed on the COA / TDS for each order.

Packaging and shipping

Typical export packing. The final pack size, terms and documents are agreed with you in the quotation.

Packaging

- **Samples** 5 kg trial order, sealed in a food-grade, moisture-barrier pouch, as per buyer request.
- **Typical packing:** Food-grade, foil-lined bags or fibre drums, as per buyer request.
- Private label and retail packs available on request.

Shipping

- **Terms:** FOB or CIF to your port. Tell us your destination and preferred terms when you enquire.
- **Mode:** samples by air courier. Bulk lots by sea, in full or part container, or by air for urgent orders. Shipped worldwide.
- **Timing:** dispatch time, freight and transit time are confirmed in your quotation.

Documents, labels and storage

- **COA** with every lot. TDS and further test reports on request.
- **Export papers:** commercial invoice, packing list and certificate of origin, plus phytosanitary or fumigation certificates and other documents where your destination requires them.
- **Labels:** product name, grade, batch number, net weight and dates as agreed.
- **Storage:** Store sealed in a cool, dry place. Calcium pantothenate takes up moisture, so reseal tightly after opening. Shelf life is confirmed on the TDS.

Frequently asked questions

What is the difference between calcium pantothenate and panthenol?
Calcium pantothenate is the powder used in supplements and food. D-panthenol is the liquid used in cosmetics.

Do you supply the D form only?
We quote the D form. Tell us if you need another.

What is the minimum order quantity?
A 5 kg trial order is available as per buyer request. Larger quantities as per buyer request, subject to the manufacturer's confirmation.

Which certificates do you provide?
We work with manufacturers who meet the certifications your country requires. Certificates (for example Organic, GMP, ISO, HACCP, Kosher, Halal) and test reports are supplied as per buyer request, with a COA for every lot.

How quickly will I get a quote?
Within 24 hours on working days once you send the product, grade and quantity.

How is Pantothenic Acid (Vitamin B5) packed and shipped?
Samples and 5 kg trial orders are sealed in food-grade pouches and sent by air courier. Bulk lots go in lined fibre or HDPE drums, or foil-lined bags and cartons, in the pack size you agree with us, and ship FOB or CIF by sea or air. The COA travels with every lot, together with the export documents your destination requires.

Why source from Faar Earth Collective Exports

- ✓ Quote within 24 hours on working days once you send the grade and quantity.
- ✓ We work only with validated, qualified manufacturers. Certificates (Organic, GMP, ISO, HACCP, Kosher, Halal and others) are supplied as per buyer request, for your country.
- ✓ COA with every lot. Test reports for assay (HPLC), heavy metals, pesticide residues and microbiology are available on request.
- ✓ 5 kg trial order available as per buyer request. Larger quantities in drums, bags or cartons, FOB or CIF, shipped worldwide by air or sea.
- ✓ Private label, custom standardisation and your own spec. Can't find your ingredient? We will source it from a qualified Indian manufacturer.

Related products

Biotin (Vitamin B7)	*D-biotin* Assay 97.5-100.5% (USP / EP); dilutions per buyer spec
Niacin (Vitamin B3)	*Nicotinic acid / nicotinamide (niacinamide)* Assay 99.0-101.0% (USP / EP / FCC or buyer spec)
Pyridoxine (Vitamin B6)	*Pyridoxine hydrochloride / pyridoxal-5-phosphate* Assay 98.0-101.0% (USP / EP / FCC); pyridoxal-5-phosphate on request

How to order

1. Enquire	Send the product, grade, quantity and destination market by email or WhatsApp.
2. Quote and sample	We reply within 24 hours. Trial orders from 5 kg. Samples available.
3. Confirm specification	Grade, marker compound and test method are agreed and stated on the COA / TDS.
4. Ship with documents	COA and TDS with each lot, plus export documents as required. Packing and terms (FOB or CIF) as agreed.

Packing and container loading

Typical export packing and container loading for Pantothenic Acid (Vitamin B5), by supply form (S.No. 76 in the Faar Earth Collective packing guide). Choose the form you need. Loads are approximate, and the final pack size, terms and documents are agreed with you in the quotation.

Form J	Vitamins, amino and other crystalline nutrients
Typical packing and net weight	Fibre drum, 25 kg net; or 5 kg aluminium foil bags in a carton
Inner protection	Double PE liner; foil bag; light-proof packaging
About 20 ft container (FCL)	Not usual
About 40 ft container (FCL)	Not usual
Notes	Light, heat and moisture sensitive (especially vitamins D3, K1, B2, B9 and B12). Ask the manufacturer about temperature-controlled shipping.

Before you book

Weight per container depends on bulk density, pack size and whether the cargo is palletised. We quote a load only after the manufacturer confirms the pack size and the forwarder confirms the container. Wooden pallets must be ISPM-15 heat-treated and stamped, or use plastic pallets. Use a food-grade, clean, dry, odour-free container, with a liner and desiccant for sea freight of spices, seeds and powders.

To confirm pack size and freight, email connect@faarearth.com or WhatsApp +91 87008 79647, mentioning "Vitamin B5 (Calcium Pantothenate and D-Panthenol)".

MOQ: A 5 kg trial order is available, and samples can be requested. Larger quantities as per buyer request, subject to the manufacturer's confirmation for each product.
Percentages and ranges shown are typical commercial grades. Confirm the exact grade, marker compound and test method on the manufacturer COA / TDS before ordering. This sheet is for information and is not a certificate of analysis.

Request a quote

Quote within 24 hours. Trial orders from 5 kg. Samples available. Email connect@faarearth.com or WhatsApp +91 87008 79647, mentioning "Vitamin B5 (Calcium Pantothenate and D-Panthenol)".