



Microvit® B5 Promix D-Calpan

QUALITY STANDARD

REF: 415 V3 (26/11/2014)_EN

DESCRIPTION

Microvit® B5 Promix D-Calpan is d-calcium pantothenate powder (calcium salt of dextrorotatory pantothenic acid). Microvit® B5 Promix D-Calpan is a microgranulated free-flowing white colored powder. Physical characteristics of Microvit® B5 Promix D-Calpan have been studied to facilitate its use in premix facilities during storage, handling and dosage operations. This product is exclusively used in premixes and compound feeds for animal nutrition. Microvit® B5 Promix D-Calpan may be used also via water for drinking.

COMPOSITION

D-Calcium pantothenate CAS N° [137-08-6]	Chemical synthesis	100 %
Total		100%

SPECIFICATIONS

Appearance	microgranulated free-flowing powder
Color	white
D-Calcium pantothenate content (on dry basis)	min. 98%
3-aminopropionic acid	max. 0.5 %
Methanol content	max. 0.25%
Weight loss on drying (100 - 105°C)	max. 3 %
Specific optical rotation at 20°C	+ 25° to + 28°
Chemical formula	$C_{18}H_{32}Ca N_2 O_{10}$

DURATION OF GUARANTEE AND STORAGE CONDITIONS

36 months from date of the manufacture, keep in original unopened packaging stored well closed in a cool dry place.

PHYSICAL AND CHEMICAL PROPERTIES

This data which results from careful tests on representative samples, is provided for information purposes only and does not in any way constitute a guarantee.

Particle size > 315 µm	approx. 5%
Non tapped density	0.5 to 0.7 g/cm ³
Tapped density	0.6 to 0.8 g/cm ³
Solubility in water	soluble (400 g/l)
Calcium content	8.2 to 8.6 %
pH (5% solution)	6.8 to 9.5



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PACKAGING

25 kg cardboard boxes (500 kg pallet).

USE

LABELING RECOMMENDATIONS:

May be used also via water for drinking.

METHODS OF ANALYSIS

Analytical method used for routine control of product conformity: internal method B155;
Results obtained by using method B155 allow us to guarantee product compliance when using the official method established by European Regulation (EU) No. 669/2014 (3a841), all animal species.

SAFETY INFORMATION

Product MSDS (Material Safety Data Sheet) available on www.quickfds.com.

For user safety: breathing protection, safety glasses and gloves should be worn during handling.

REGULATION

EU : Vitamins, pro-vitamins and chemically well-defined substances having similar effect. 3a841. Min. 98 % (on dry basis) Calcium D- pantothenate. Max. 0,5 % 3-aminopropionic acid.

3a841 - Regulation N° 669/2014 of 18/06/2014.

All animal species.

This product is compliant with Directive 2002/32/EC of the European Parliament and of the Council on undesirable substances in animal feed.

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