



# Microvit® B12 Promix 10000

QUALITY STANDARD

REF: 411 V7 (10/03/2016)\_EN

## DESCRIPTION

Microvit® B12 Promix 10 000 is a source of vitamin B12. The product combines vitamin B12 with non soluble calcium carbonate and silica carrier for excellent mixability and handling characteristics. This product is exclusively used in premixes and compound feeds for animal nutrition (all species or categories of animals).

## COMPOSITION

Calcium carbonate	Mineral	Min. 98.5 %
Vitamin B12 (cyanocobalamine) CAS N° [68-19-9]	Fermentation	Min. 1 %
Silicic acid, precipitated and dried (E 551a)	Chemical synthesis	Max. 0.5 %
	<b>Total</b>	<b>100%</b>

## SPECIFICATIONS

<b>Appearance</b>	very fine, free-flowing powder
<b>Color</b>	light pink to brown reddish
<b>Vitamin B<sub>12</sub> content on dry matter</b>	min. 1% ( 10 000 mg/kg)
<b>Weight loss on drying (100°C - 4h)</b>	max. 4%
<b>Chemical formula</b>	C <sub>63</sub> H <sub>88</sub> O <sub>14</sub> N <sub>14</sub> P Co

## DURATION OF GUARANTEE AND STORAGE CONDITIONS

24 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.*

<b>Particle size &gt; 500 µm</b>	approx. 1%
<b>Particle size &lt; 160 µm</b>	approx. 75%
<b>Non tapped density</b>	approx. 1.0 g/cm <sup>3</sup>
<b>Tapped density</b>	approx. 1.6 g/cm <sup>3</sup>
<b>Solubility in water</b>	insoluble

## PACKAGING

25 kg cardboard boxes (500 kg pallet).



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## USE

Keep away from light.

## LABELING RECOMMENDATIONS:

## METHODS OF ANALYSIS

Analytical method used for routine control of product conformity: internal method Z065 (H.P.L.C.).

## SAFETY INFORMATION

Product MSDS (Material Safety Data Sheet) available on [www.quickfds.com](http://www.quickfds.com).

## REGULATION

Vitamins, pro-vitamins and chemically well-defined substances having similar effect. Vitamin B12 (cyanocobalamin): min. 1% (10 000 mg/kg).

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.

EU : Regulation N° 2015/327 of 2 March 2015.

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