

# Microvit™ B<sub>12</sub> Promix 10000

Quality Standard



## 1. Description

Microvit™ B<sub>12</sub> Promix 10 000 is a source of cyanocobalamine. The product combines vitamine B<sub>12</sub> with non soluble carbonate and silica carrier for excellent mixability and handling characteristics. Microvit™ B<sub>12</sub> Promix 10 000 is exclusively used in the manufacture of animal feed products.

## 2. Specifications

<b>Potency</b>	Vitamin B <sub>12</sub> content: minimum 1% ± 0.1 (9,000 to 11,000 mg/kg)
<b>Composition</b>	Vitamin B <sub>12</sub> (cyanocobalamine)
<b>Cas N°</b>	[68-19-9]
<b>Chemical formula</b>	C <sub>63</sub> H <sub>88</sub> O <sub>14</sub> N <sub>14</sub> P Co
<b>Ingredients</b>	calcium carbonate, silica
<b>Appearance</b>	very fine, free-flowing powder
<b>Color</b>	reddish brown
<b>Weight loss on drying</b>	(100°C - 4 h): maximum 2%
<i>* These below data, which results from careful tests on representative samples, are provided for information purposes only and do not in any way constitute a guarantee.</i>	
<b>Particle size profile*</b>	
<b>Particle size*</b>	above 500 µm approx. 2%
<b>Particle size*</b>	below 160 µm approx. 75%
<b>Density*</b>	not tapped: 0.87 g/cm <sup>3</sup>
	tapped: 1.05 g/cm <sup>3</sup>
<b>Solubility*</b>	in water: insoluble

## 3. Method of Analysis

**Reference** Internal method: Z 065-E05

**Description** Determination of cyanocobalamine content by HPLC.

## 4. Duration of Guarantee

24 months from date of manufacture in original unopened packaging stored in a cool, dry place away from light.

## 5. Packaging

25 kg boxes (500 kg/pallet).

## 6. Safety Measures

**Reference** Material Safety Data Sheet (MSDS) Microvit™ B<sub>12</sub> Promix 10 000

Updated 01/01/2006



Microvit™



Rhodimet™



Rovabio™



Smartamine™  
MetaSmart™

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