

# Microvit™ B<sub>6</sub> Promix Pyridoxine

Quality Standard

## 1. Description

Microvit™ B<sub>6</sub> Promix Pyridoxine is a form of pyridoxine hydrochloride. The presentation has been studied to facilitate its use in premix plants during storage, handling and dosing operations. Microvit™ B<sub>6</sub> Promix Pyridoxine is exclusively used in the manufacture of animal feed products.

## 2. Specifications

<b>Potency</b>	Pyridoxine HCl content (on dry matter): min. 99%
<b>Composition</b>	Pyridoxine hydrochloride
<b>Cas N°</b>	[58-56-0]
<b>Chemical formula</b>	C <sub>8</sub> H <sub>12</sub> O <sub>3</sub> Cl N
<b>Appearance</b>	crystalline fine powder
<b>Color</b>	white to cream
<b>Weight loss on drying</b>	maximum 0.5%
on silica gel under vacuum, 4h	
<b>Particle size profile*</b>	
<b>Particle size*</b>	below 50 µm: approx. 5%
<b>Particle size*</b>	below 200 µm: approx. 60%
<b>Particle size*</b>	above 500 µm: max. 0.5%
<b>Density*</b>	non tapped: 0.60 to 0.70 g/cm <sup>3</sup>
	tapped: 0.80 to 0.90 g/cm <sup>3</sup>
<b>Solubility*</b>	in water: easily soluble (1g/4.5ml)
<b>Typical Analysis</b>	
<b>pH*</b>	(5% solution): 2.4 to 3.0

\* 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.

## 3. Method of Analysis

**Reference** Internal method: B160-@ 02

**Description** Determination of pyridoxine hydrochloride content by potentiometry.

## 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>6</sub> Promix Pyridoxine

Updated 01/01/2006



Microvit™



Rhodimet™



Rovabio™



Smartamine™  
MetaSmart™

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