

Microvit™ K₃ Promix MNB 96%

Quality Standard



1. Description

Microvit™ K₃ Promix MNB 96% is a stabilized presentation of vitamin K₃. This product provides both vitamin K₃ as menadione content (min. 43.7%) and vitamin B3 in the form of nicotinamide (min. 31%). The MNB form is more stable than the MSB form (menadione sodium bisulfite), and is particularly recommended for aggressive premixes and pelleted feeds. Microvit™ K₃ Promix MNB 96% is exclusively used in the manufacture of animal feed products.

2. Specifications

Potency	Menadione content: minimum 437,000 mg/kg (43.7%)
	Nicotinamide content: minimum 310,000 mg/kg (31%)
Composition	Menadione nicotinamide bisulfite (MNB)
Cas N°	[73581-79-0]
Chemical formula	C ₁₇ H ₁₆ O ₆ N ₂ S
Appearance	fine powder
Color	white to creamish
Humidity (Karl Fischer)	1.5% max.
<small>* These below data, which results from careful tests on representative samples, are provided for information purposes only and do not in any</small>	
Particle size profile*	
Particle size*	inferior 100 µm: approx. 35%
Particle size*	above 500 µm: max. 5%
Density*	not tapped 0.7 g/cm ³ (± 0.05)
	tapped 0.9 g/cm ³ (± 0.05)
Solubility*	in water: slightly soluble (20g/l)

3. Method of Analysis

Référence Internal method G 008-@04

Description Determination of menadione (K3) and nicotinamide (B3) content by spectrophotometry.

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™ K₃ Promix MNB 96%
Xi, N, R36/37/38, R50/53, S22, S24/25, S37, S61

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Microvit™



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MetaSmart™

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