

Microvit™ A Promix 1000

Quality Standard



1. Description

Microvit™ A Promix 1000 is a stabilized source of retinyl acetate. The unique coating process provides a product that has improved vitamin stability, is well suited for use in standard premixes and feed manufacturing processes and promotes good mixability in feeds. Microvit™ A Promix 1000 is exclusively used in the manufacture of animal feed products.

2. Specifications

Potency	Vitamin A content: min. 1,000,000 I.U/g
Composition	Vitamin A (retinyl acetate)
Cas N°	[127-47-9]
Chemical formula	C ₂₂ H ₃₂ O ₂
Ingredients	Digestible coating: gelatin, carbohydrate, antioxydant: BHT
Appearance	free-flowing powder of spherical particles
Color	reddish brown with traces of white particles
Weight loss on drying	(105°C - 4h) max 5%
<small>* 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.</small>	
Particle size profile*	
Angle of repose*	approx. 30°
Particle size*	above 500µm: max. 5%
Particle size*	below 160µm: approx. 20%
Density*	non tapped: 0.65 g/cm ³ (+/- 0.05) tapped: 0.70 g/cm ³ (+/- 0.05)
Solubility*	in water: insoluble in organic solvents: insoluble in basic solution: solubilized with destruction of the coating, accelerated by heat

3. Method of Analysis

Reference Internal method - A 700

Description Determination of vitamin A by UV spectrophotometry at 325 nm.

4. Duration of Guarantee

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

5. Packaging

25 kg paper bags with a polyethylene aluminium complex (500 kg/pallet).
500 kg big bags.

6. Safety Measures

Reference Material Safety Data Sheet (MSDS) Microvit™ A Promix 1000
T, R61, S36/37, S45, S53

Updated 01/01/2006



Microvit™



Rhodimet™



Rovabio™



Smartamine™
MetaSmart™

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