



Microvit® B3 Promix Niacin

QUALITY STANDARD

REF: 413 V5 (07/05/2018)_EN

DESCRIPTION

Microvit® B3 Promix Niacin is a source of nicotinic acid. It is a crystalline, free-flowing, creamy-white colored powder. Physical characteristics of Microvit® B3 Promix Niacin has been studied to facilitate its use in premix facilities, in particular in storage, handling and dosing operations. This product is exclusively used in premixes, in compound feeds for animal nutrition or water for drinking.

COMPOSITION

Nicotinic acid CAS N° [59-67-6]	Chemical synthesis	99.5 %
Water (moisture)		Max. 0.5 %
	Total	100%

SPECIFICATIONS

Appearance	fine, free-flowing powder
Color	creamy white
Nicotinic acid content	min. 99.5%
Weight loss on drying (105°C - 1h)	max. 1%
Chemical formula	C ₆ H ₅ NO ₂

DURATION OF GUARANTEE AND STORAGE CONDITIONS

36 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.

Particle size > 500 µm	approx. 2%
Particle size < 100 µm	approx. 10%
Angle of repose	approx. 40°
Non tapped density	0.65 to 0.75 g/cm ³
Tapped density	0,75 to 0,85 g/cm ³
Solubility in water	relatively soluble (16.7 g/l)
pH (saturated solution)	2.7

PACKAGING

25 kg bags (750 kg pallet); 25 kg bags (1000 kg pallet).



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USE

LABELING RECOMMENDATIONS:

For use in premixtures, in compound feeds or water for drinking.

METHODS OF ANALYSIS

Analytical method used for routine control of product conformity: internal method B130;
Results obtained by using method B130 allow us to guarantee product compliance when using the official method established by European Regulation (EU n° 3a314, all animal species).

SAFETY INFORMATION

Product MSDS (Material Safety Data Sheet) available on www.quickfds.com.

For safety: breathing, eye and skin protection shall be used during handling.

REGULATION

EU : Vitamins, pro-vitamins and chemically well-defined substances having similar effect. 3a314. Niacin. Nicotinic acid: min. 99,5%.

3a314 - Regulation N° 642/2013 of 07/04/2013.

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.

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