



Rhodimet® NP 99

Quality standard

REF: 302- 800 PF 201. V3 (03/10/2013)

1. Description

Rhodimet NP 99 is a pure DL-methionine from Adisseo intended for the production of animal feed. Rhodimet NP 99 is provided in the form of a powder. It can be easily used in premix factories and in feed factories equipped with a system for micro-ingredients.

2. Composition

DL-methionine, technically pure
CAS N° [59-51-8]

3. Specifications

Appearance	fine powder
Color	white to cream
DL-methionine content	min. 99%
Loss on drying (105°C - 4h)	max. 0.3%
Ash	max. 0.3%
Sodium sulfate content (resistivity in 1% solution)	max. 0.3%
Chemical formula	CH ₃ - S - CH ₂ - CH ₂ - CH (NH ₂) - COOH

4. Duration of guarantee

5 years from date of manufacture. Keep in original unopened packaging stored well closed in a cool dry place.

5. 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	
• > 1250 µm	max. 1%
• > 100 µm	approx. 65%
• from 50 to 100 µm	approx. 20%
• < 50 µm	approx. 15%
Apparent density	0.60 to 0.75 g/cm ³
pH (in 1% aqueous solution)	5.3 to 6.1
Heavy metals (expressed as Pb equivalent)	< 15 ppm

6. Packaging

25 kgs bags (1000 kgs pallet); 750 kgs big bags (750 kgs pallet); 1000 kgs big bags (1000 kgs pallet); bulk (tank truck).

7. Use

DL-methionine, technically pure is approved for all animal species in compound feeds or water for drinking:

* in the EEC under n 3c301_REGULATION (EU) No 469/2013 of 22 May 2013.

* in the United States FDA Reg.No 582.5475.

8. Method of analysis

To determine the methionine content: Reference R508

Principle : Potentiometry

Determination of the amine function with perchloric acid under anhydrous conditions.

9. Safety

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

This product is compliant with Directive 2002/32/EC of the European Parliament and of the Council on undesirable substances in animal feed.

Under normal conditions of use, the product is not hazardous. It is advisable to observe industrial health rules and to avoid prolonged inhalation of the dust. In the case of bulk storage, the plant should be maintained with voltage-equalising connections, in order to avoid accumulation of electrostatic charges.

10. Matrix specifications *

Crude protein equivalent	58.1%
Digestible methionine equivalent	99.0%
Digestible methionine + cystine equivalent	99.0%
Metabolizable energy for poultry**	5 020 kcal/kg ; 21.0 MJ/kg
Metabolizable energy for pigs**	5 355 kcal/kg; 22.4 MJ/kg
Net energy for pigs**	4 135 kcal/kg; 17.3 MJ/kg

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**Source: INRA Tables, 2004

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