



1. Description

Selisseo 2% Se is a bioavailable source of selenium for all animal species. This product consists of hydroxy-analogue of Selenomethionine (HMSeBA), diluted on a silica carrier.

Selisseo 2% Se is a white, fluid powder with a distinctive smell to be used in a feed premix (product added into a premix before inclusion in a compound feed).

2. Composition

• Active substance: Selenium (Se) mainly as hydroxy hydroxy-analogue of selenomethionine

2-hydroxy 4-methyl seleno butanoic acid: CAS number [873660-49-2]

Chemical formula: $\text{CH}_3\text{Se}-(\text{CH}_2)_2-\text{CH}(\text{OH})-\text{COOH}$

• Carrier: silica: CAS number [112926-00-8]. Chemical formula: $10\text{SiO}_2, \text{H}_2\text{O}$

3. Specifications

Appearance	powder
Color	white to light beige
Selenium content	min. 2.0 %; max. 2.4%
Hydroxy-analogue of selenomethionine (HMSeBA) content	min. 5.0 %

4. Duration of guarantee

18 months from date of manufacture. Keep in original closed packaging, stored in a cool and dry place.

5. Physical and chemical properties *

* These data, which result from careful tests on representative samples, are provided for information purposes only and do not in any way constitute a guarantee

Particle size	
• < 100 µm	max. 15%
• > 500 µm	max. 1%
Non tapped density	0.31 to 0.34 g/cm ³
Tapped density	0.36 to 0.39 g/cm ³
Angle of repose	< 35°
Loss on drying (105°C - 4 h)	max. 16 %

6. Packaging

20 kg plastic bag in cardboard box (400 kg pallet).

7. Use

European Regulation: n°445/2013 (3b814).

The additive shall be incorporated into feed in the form of a premixture.

Maximum content: content of element (Se) in mg/kg of complete feed with a moisture content of 12 %: 0.50 (total).

Maximum supplementation with organic selenium: 0.20 mg Se/kg of complete feed with a moisture content of 12 %.

8. Method of analysis

Selenium: acidic digestion under micro-waves by Inductively Coupled Plasma Mass Spectrometry (ICP-MS).

HMSeBA: Internal HPLC method.

9. Safety Information

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

For user safety: breathing protection, safety glasses and gloves should be worn during handling.

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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