



**PRODUCT INFO
& DATASHEET**

SICO-VINASSE min. 37% K₂O powder **Vinasse-Kali extract - Low in chloride** *Biological long-lasting source of potassium (K₂O) and Sulphur (SO₃)*

updated 08/2020

1/ PRODUCT DESCRIPTION

SICO-VINASSE is a vinasse extract (powder) and a high quality raw material/ingredient used in the production of organo-mineral compound fertilisers or used as single fertiliser.

SICO-VINASSE is a vegetal residue resulting from the de-potassification of beet molasses **containing potassium sulphate** as main component with a min. content of 37% water soluble K₂O and not more than 1% chloride.

2/ COMPOSITION

- SICO-VINASSE contains about 40% of potassium (K₂O).

- The potassium content varies in function of the molasses composition used in yeast production.

- Typical product analysis is realised on a representative sample and results expressed on gross product, indicative non-contractual data. As this is a biological natural product, this may differ from batch to batch.

Analysis report – Average calculated analysis

Dry matter	98.5	%
Sulphuric Trioxide (SO ₃)	44.8	%
Potassium Oxide (K₂O) *	37.0	%
Chlorine (Cl)	0.04	%
Magnesium Oxide (MgO)	0.09	%
Sodium Oxide (Na ₂ O)	3.8	%
Phosphorus Pentoxide (P ₂ O ₅)	0.9	%
Calcium Oxide (CaO)	3.1	%
Organic matter	1.2	%
Nitrogen (N)	0.8	%
Ash	94.1	%

Composition in ppm

Manganese (Mn)	6.8	ppm
Iron (Fe)	60.0	ppm
Copper (Cu)	6.5	ppm
Zinc (Zn)	6.1	ppm

** this value is guaranteed to be a minimum content.*

The values are the average of several analysis results. Values may change according to the origin of the product (sugar beet melasse) !!

3/ ADVANTAGES

- Biological, long lasting source of Potassium (K₂O) and Sulphur (SO₃)

- Low in chloride

4/ PRODUCTION PROCESS

Sugar beets are washed, broken and pressed in sugar producing industries to obtain sugar beet juice. This juice is heated and the water will be evaporated until it changes into molasses. Molasses are used for sugar production (crystallisation process) or for yeast cultures. Sugar free molasses are called vinasse.

Vinasse is heated again and the water will be evaporated until rough crystals of vinasse-kali appear. The crystals are washed, dried and milled into a fine powder = SICO-VINASSE.

Guarantees : 37% potassium oxide (K₂O) water soluble

This product is made according to the EC-regulation 834/2007 and 889/2008 allowed for use in organic farming.

5/ PACKING

In 25 kg plastic bags (with color label), on Europallets of 1000 kgs (23 pallets x 1000 kgs = 23 MT/40ft container OR 10 pallets x 1000 kgs = 10 MT/20fr container).

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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