Gusmer Enterprises, Inc.®

MicroEssentials Trace™

Product Data Sheet

Product Description

B-complex vitamins and trace minerals are essential for microbial metabolism. Adequate nutritional components promote survival, accelerate ethanol production and help prevent formation of sulfides and other off aromas. Micro***Essentials*** Trace, a pure vitamin and mineral blend, was designed to supplement deficient juices and musts with a wide array of nutritional components. Adding Micro***Essentials*** Trace will give most ferments sufficient levels of more than 15 different vitamins and minerals necessary to complete the fermentation in a healthy manner; including biotin, pantothenic acid and magnesium.

Application

Micro***Essentials*** Trace is recommended for use in red and white ferments with other Micro***Essentials***™ nutrients when analyses show particularly low levels of vitamins and trace minerals or when fermentation conditions are difficult or challenging.

Instructions for Use

Add Micro***Essentials*** Trace at the onset of fermentation as a supplement to products like Micro***Essentials*** Complete-TR™, Micro***Essentials*** Boost-TR™, Micro***Essentials*** Powder™ or diammonium phosphate when additional vitamins and minerals are required.

Technical Data

- Addition Level
  Recommended dosage is 25 - 100 g / 1,000 gal
- Storage and Shelf Life
  Store in a tight, sealed, light-resistant containers
  Shelf life at least 18 months if stored under recommended conditions
- Appearance
  Off-white colored granulated powder

Packing

Micro***Essentials*** Trace is available in 1 kg and 100 g packages

Product Specifications

Microbiological	**Specification**
Total Bacteria Count	< 20,000 / g
Yeast and Mold	< 100 / g
Coliform Organisms	< 10 / g
E. coli	Negative
Salmonella	Negative

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