

KIMTRAFOS 12 *Grande*

Calcium Phosphate, Feed Grade

Identification

Chemical Substances

Monocalcium phosphate
 Molasses
 Condensed molasses solubles (CMS)
 Salt
 Trace minerals

Synonyms:

P12, Wet season phosphate concentrate

CAS No.

EINECS No.

Description

KIMTRAFOS 12 *Grande* is a phosphate-trace mineral concentrate, which contains the essential trace minerals in the correct ratio to phosphorus.

KIMTRAFOS 12 *Grande* is produced by blending Monocalcium phosphate (MCP) with molasses by-products, calcium carbonate and specific amounts of trace minerals.

Composition, Typical values

Total Phosphorus (P)	12.3 %
Calcium	20 %
Copper	0.03 %
Manganese	0.12 %
Zinc	0.12 %
Iodine	30 mg/kg
Cobalt	6 mg/kg
Selenium	6 mg/kg
pH	9.0 – 9.3

Physical Properties

Appearance Light to dark brown granules
 Particle sizes 0.5 – 2.0 mm
 Bulk Density (untamped) 690 - 1200 kg/m³
 Chemical solubility and biological availability Good

Recommended Use / Application

This product is recommended for use in concentrates, compound feeds, mineral feeds and free choice supplements for cattle, sheep, goats, horses and game.

Special Advantages

- KIMTRAFOS 12 *Grande* is in a convenient free flowing, granular form to facilitate handling and mixing.
- KIMTRAFOS 12 *Grande* has a high molasses by product content to increase palatability and ensures that the product is dust free.
- KIMTRAFOS 12 *Grande* contains trace minerals in the correct ratio to phosphorus.
- KIMTRAFOS 12 *Grande* contains no animal by-products, growth stimulants or antibiotics.
- KIMTRAFOS 12 *Grande* contains no urea.
- KIMTRAFOS 12 *Grande* is a versatile product with application in almost any type of ruminant food.



KK Animal
 Nutrition

P R O D U C T I N F O R M A T I O N

Undesirable Elements¹⁾

Fluorine (F)
Cadmium (Cd)
Aluminium (Al)

Act 36/1947

Max 0.8 g/kg
Max 6mg/kg
Max 20mg/kg

Kimtrafos 12 *Grande* Values

Max 0.8 g/kg
Max 3 mg/kg
Max 20 mg/kg

Quality Check References

Total Phosphorus	AOAC Official Method of Analysis, 1990, 15 th Ed. AOAC Method 957.02 B9e.
Phosphorus solubility: In 2% citric acid	Methods of the Fertilizer Chemists' Liaison Committee, South Africa Method No. Fd-03: 1991 AOAC 958.01, or 969.02C or 962.02C. (Directive 77/535/EEC, method 3.1.3)
In alkaline ammonium citrate	Petermann method: 65°C (Directive 77/535/EEC, method 3.1.5)
Total calcium	AOAC Official Methods of Analysis, 15 th Ed. 945.03 Ca (Acid-Soluble) in Fertilizers Titrimetric Method I Final Action
PH	1 % solution
Moisture (free moisture)	(AOAC) Official Methods of Analysis, 1990, 15 th Ed. 965.08 Vacuum-Desiccation Methods First Action 1965 – Final Action 1974.
Undesirable elements	AOAC Official Methods of Analysis, 15 th Ed., Cd, 974.27, As, 957.22.

Classification, packaging and labelling

KIMTRAFOS 12 *Grande* is packed in 50kg woven polypropylene (WPP) bags with a polyethylene inner liner.

Handling and storage

KIMTRAFOS 12 *Grande* must be stored under cover in a dry place to ensure a shelf life of at least 2 years.

Transport and transport regulations

KIMTRAFOS 12 *Grande* is non toxic and not classified as hazardous under transport regulations.

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English