

## Top Grow NPK - FULLY SOLUBLE (12 / 3 / 43)

### Technical Data Sheet

#### General Description

Top Grow NPK - FULLY SOLUBLE is a high purity powder with formula (12/3/43)

It has the following features:

- Powder fertilizer, Acidic fertilizer, fully soluble in water

#### Applications:

- Acidic potassium fertilizer, and fully soluble in water.
- Contains high percentages of potassium sulfo nitrate, being the most efficient one in late maturity stages.
- Helps plants to overcome the abiotic stress (drought - frost - salinity).
- Essential for increasing yield and improving fruits quality (coloring -size -TSS- handling and storage ability).

#### Safety and Handling:

Keep containers tightly closed to prevent moisture pick up. Store in a dry, well-ventilated area away from heat, open flame or source of ignition. Store away from incompatible materials.

#### Manufacture Site:

Name of the Manufacture: EVERGROW FOR SPECIALITY FERTILIZERS.

Address of the Manufacture: Industrial Zone - Abu Rawash - Giza - Egypt.

Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. Further, nothing contained herein shall be taken as a recommendation to manufacture or use any of the herein described materials or processes in violation of existing or future patents.



Issue date: 30/01/2022

Issue No. : 3

Eg-OP-20-09

page 1 of 2

**Top Grow NPK - FULLY SOLUBLE (12 / 3 / 43)**

**Technical Data Sheet**

**Product Specificatio**

General	
Chemical Formula	NPK (12/ 3/43)
Appearance	White Powder
Internal Code	Top Grow

Chemical and Physical Analysis				
Item	Unit	Specs	Test Method	Ref
Total Nitrogen	%	Min 11.60	Kjeldahl	AOAC955.04
Phosphorus as P <sub>2</sub> O <sub>5</sub>	%	Min 3.00	Spectro photometer	AOAC 958.01
Potassium as K <sub>2</sub> O	%	Min 42.60	Flame photometer	E.S 2199 / 2018
pH	--	3.00 – 4.00	pH meter	Internal
Solubility in H <sub>2</sub> O	g/L	Min 180	Solubility	Internal
Moisture Content	%	Max 0.50	Oven	AOAC950.01

Screen Analysis					
Item		Unit	Specs	Test Method	Ref.
Particle Size	> 2.0 mm	%	Max 1.00	dry Sieve analysis	IFDC S-107
	< 2.0 mm	%	Min 99.00		

Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. Further, nothing contained herein shall be taken as a recommendation to manufacture or use any of the herein described materials or processes in violation of existing or future patents.

