

## Power Grow NPK - FULLY SOLUBLE (19 / 19 / 19)

### Technical Data Sheet

#### General Description

Power Grow NPK - FULLY SOLUBLE is a high purity powder with formula (19/19/19)

It has the following features:

Powder fertilizer, Acidic fertilizer, fully soluble in water

#### Applications:

- Balanced acidic fertilizer suits to use in alkaline soils to improve the availability and uptake of Phosphorus & micronutrients.
- Improves the plant vigor and increases flowering.
- Has low salt index and rich in potassium sulfo nitrate and can be used as a foliar fertilizer, especially when plants suffering from a biotic stress.

#### 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.

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**Power Grow NPK - FULLY SOLUBLE (19 / 19 / 19)**

**Technical Data Sheet**

**Product Specification**

General	
Chemical Formula	NPK (19/19/19)
Appearance	Red Powder
Internal Code	Power Grow

Chemical and Physical Analysis				
Item	Unit	Specs	Test Method	Ref
Total Nitrogen	%	Min 18.80	Kjeldahl	AOAC 955.04
Phosphorus as ( P <sub>2</sub> O <sub>5</sub> )	%	Min 18.80	Spectro photometer	AOAC 958.01
Potassium as K <sub>2</sub> O	%	Min 18.80	Flame Photometric	ES 2199/2018
Sodium	%	Max 0.50	Flame photometer	ES 2199/2018
Chloride	%	Max 0.50	Titrimetric	ES 2199/2018
pH (1 g/ 100 ml H <sub>2</sub> O)	--	3.00 – 4.00	pH meter	Internal
Solubility in H <sub>2</sub> O	g/L	Min 320.00	Solubility	Internal
Moisture Content	%	Max 1.00	Oven	AOAC950.01

Screen Analysis					
Item		Unit	Specs	Test Method	Ref.
Particle Size	> 2.0 mm	%	Max 2.50	dry Sieve analysis	IFDC S-107
	< 2.0 mm	%	Min 97.50		

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