NPK SOLUTIONS

Lokon Liquid 10 - 3 - 3 + MgO + TE

June 2019 | Origin: The Netherlands | EC FERTILISER | Reach Reg.

Section 1 | Description

Brand name	Van Iperen Lokon Liquid | 10 - 3 - 3 + MgO + TE
Chemical name	NPK fertilizer with chelated magnesium and micronutrients
Chemical formula	10 - 3 - 3 + MgO + TE (w/w)
Appearance	Dark brown liquid

Section 2 | Chemical composition

Total Nitrogen (N)	10% w/w | 11.3% w/v
Nitric Nitrogen ($N\text{-}NO_3$)	1% w/w | 1.1% w/v
Ammoniacal Nitrogen ($N\text{-}NH_4$)	1% w/w | 1.1% w/v
Ureic Nitrogen ($N\text{-}NH_2$)	8% w/w | 9% w/v
Phosphorus Pentoxide (P_2O_5)	3% w/w | 3.4% w/v
Potassium Oxide (K_2O)	3% w/w | 3.4% w/v
Magnesium Oxide (MgO), chelated by EDTA	0.02% w/w | 0.02% w/v
Boron (B)	0.002% w/w | 0.002% w/v
Copper (Cu), chelated by EDTA	0.001% w/w | 0.001% w/v
Iron (Fe), chelated by EDDHA	0.01% w/w | 0.01% w/v
Manganese (Mn), chelated by EDTA	0.001% w/w | 0.001% w/v
Molybdenum (Mo)	0.0003% w/w | 0.0003% w/v
Zinc (Zn), chelated by EDTA	0.0008% w/w | 0.0009% w/v

Section 3 | Physical properties

Density	1.13 +/- 0.02kg/L
pH	4.5 +/- 1
Crystallization temperature	< 5°C

Specimen

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