



PRODUCT INFO
& DATASHEET

SICOFERT GRANULAR BLENDED (C.)

NPK 13.13.21 + 8 SO₃ (MOP based)

E.C. fertiliser

Sico blend 31861 - 12/2022

1) PRODUCT/PRODUIT

EC fertiliser / Engrais CE (Methods of analysis & tolerances & deviations allowed as per EU regulations.)

2) STANDARD SPECIFICATIONS - SPECIFICATIONS STANDARD

* <u>Chemical Analysis / Analyse Chimique</u>	Calculated %	Specification
Total Nitrogen / <i>Azote total</i> (N)	13	± 7.91 % Ureic Nitrogen (N-NH ₂) ± 5.09 % Ammoniacal Nitrogen (N-NH ₄)
Phosphorus Pentoxide / <i>Anhydride phosphorique</i> (P ₂ O ₅)	13	soluble in neutral ammonium citrate and in water / <i>soluble dans l'eau et dans le citrate d'ammonium neutre</i> min. 11.59% soluble in water / <i>soluble dans l'eau</i>
Potassium Oxide / <i>Oxyde de potassium</i> (K ₂ O)	21	soluble in water / <i>soluble dans l'eau</i> (MOP based / <i>basé KCl</i>)

* Extra calculated values per 100 kg (indicative only) / Valeurs supplémentaires calculées par 100 kg (indicatives):

Total Sulphur Trioxide / <i>Anhydride Sulfurique</i> (SO ₃)	7.91%
Chlor / <i>Chlore</i> (Cl)	15.75%
Calcium soluble in mineral acid / <i>soluble dans l'acide minéral</i> (CaO)	8.79 %

Acid Binding Values (ABV):

- 6.37% ABV grassland
- 7.91% ABV agricultural land

3/ Minerals supplied with 100 kg NPK per ha / *Minéraux livrés avec 100 kg de NPK par ha:*

N	P ₂ O ₅	K ₂ O	SO ₃
13 kg	13 kg	21 kg	8 kg

4/ METHODS OF ANALYSIS

Methods of sampling and of analysis and analysis tolerances & deviations allowed as per E.C. regulations.

https://eur-lex.europa.eu/resource.html?uri=cellar:afaa9799-bcff-486f-8c45-d51052c754bf.0004.01/DOC_84&format=PDF

The E.C. methods of sampling & analysis, allowed tolerances & regulations etc. can be found on internet

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R1009>

Also tolerances on analysis are as per regulation (EC) nr. 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers.

Methods of analysis used by our laboratory checking our NPK's are:

- N-NO₃N-NH₄, chlorine and Bicarbonate by CFS technique (continuous flow system)
- other elements (trace elements, K₂O, P₂O₅, Na, SO₃, ...) by ICP technique.

CFS & ICP are internationally recognized and standardized methods.

EC Fertiliser / *Engrais CE*

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