



**PRODUCT INFO  
& DATASHEET**

# SICOFERT GRANULAR BLENDED (C.) NPK 16.16.8+8.5MgO+5.3SO3 (MOP based)

## 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)	16	4.9% Nitric Nitrogen / <i>Azote Nitrique (N-NO3)</i> 11.1% Ammoniacal Nitrogen / <i>Azote Ammoniacal (N-NH4)</i>
Phosphorus Pentoxide / <i>Anhydride phosphorique</i> (P2O5)	16	Soluble in neutral ammonium citrate and in water / <i>soluble dans l'eau et le citrate d'ammonium neutre</i> 14.3% soluble in water / <i>soluble dans l'eau</i>
Potassium Oxide / <i>Oxyde de potassium</i> (K2O)	8	Soluble in water / <i>soluble dans l'eau</i> MOP based / <i>basé KCl</i>

Extra calculated values (indicative only) / Valeurs extras calculées:

Magnesium Oxide / <i>Oxyde de Magnésium</i> (MgO)	8.54%
Sulphur Trioxide / <i>Anhydride Sulfurique</i> (SO3)	5.32%
Calcium soluble in mineral acid (CaO)	2.16%

Méthodes d'analyse et tolérances suivant réglementation de la CEE. - Origine: CEE/Belgique.

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

N	P2O5	K2O (Ch.)	MgO	SO3
16 kg	16 kg	8 kg	9 kg	5 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](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 N-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*