



SICO-ZINIT 42
Zinc Nitrate 42% Liquid fertiliser (IMO 9 – UN 3082)
Origin: EU

03/2024

1/ PRODUCT DESCRIPTION

Formula: $Zn(NO_3)_2$
Brand name: SICO-ZINIT 42
Chemical name: Zinc Nitrate

2/ PRODUCT SPECIFICATIONS*** Chemical Composition**

Total Nitrogen (N):	6.2% +/- 0.2% w/w	(9% +/- 0.3% w/v)
Nitric Nitrogen (N-NO ₃):	6.2% +/- 0.2% w/w	(9% +/- 0.3% w/v)
Zinc (Zn):	14.5% +/- 0.4% w/w	(21% +/- 0.6% w/v)
Zinc Nitrate (Zn(NO ₃) ₂):	42% w/w	(61% w/v)

*** Heavy Metals**

Cadmium (Cd): < 5 mg/kg

*** Physical Properties**

Appearance: colourless - Light yellow liquid
Density: 1.46 +/- 0.01 kg/L
pH: 1 +/- 1 / 3.5 +/- 1 (in 1% solution) / 4.5 +/- 1 (in 1% solution)
Electric conductivity (EC): 1 +/- 0.1 mS/cm (in 0.1% solution)
Crystallization temperature: -15° C

3/ PACKING

in 20 ltr cans, 640 ltr per pallet, stacked 2 pallets with wooden plate in between, 20 pallets = 12800 ltr/20'

¹ Tolerances according to the Fertiliser Product Regulation "FPR" (EU 2019/1009).

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