



# JINWANG EUROPE

## SPECIFICATION NICKEL NITRATE SOLUTION

JWE N° 211N000001-42

**CHEMICAL FORMULA :** Ni(NO<sub>3</sub>)<sub>2</sub>

**N° CAS :** 13138-45-9

**N° EINECS :** 236-068-5

**DESCRIPTION :** Green limpid solution

### SPECIFICATIONS

Assay Ni .....	13.9 to 14.3	% w/w	(Complexo)*
Assay Ni(NO <sub>3</sub> ) <sub>2</sub> , 6H <sub>2</sub> O.....	69 to 71	% w/w	
pH.....	1.5 to 3.0		pH-metry
Density at 20°C .....	1.50 to 1.54	g/ml	Picnometer
Chlorides (Cl) .....	100	ppm Max	(Test)
Cobalt (Co).....	200	ppm Max	(ICP)*
Chromium (Cr) .....	5	ppm Max	(ICP)
Copper (Cu) .....	30	ppm Max	(ICP)
Iron (Fe) .....	25	ppm Max	(ICP)
Sodium (Na) .....	30	ppm Max	(AAS)*
Lead (Pb) .....	5	ppm Max	(AAS)
Sulphates (SO <sub>4</sub> ) .....	200	ppm Max	(Test)

**PACKAGING :** 250 kg drums, 1400 kg containers, tank truck

- \* AAS : Absorption Atomic Spectrophotometry
- ICP : Inductively Coupled Plasma
- Complexo : Complexometry

*The stated characteristics are for normal quality. Special grades can be studied on request. With each delivery is enclosed a certificate of conformity to this specification  
All information contained herein is believed to be correct and is given in good faith. No warranty is expressed or implied regarding the use of the products mentioned.*

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