



Nickel (II) Nitrate Hexahydrate

$\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$

Appearance: green crystals, can slightly weather in dry and quickly spread in damp air

Phys.-chem. data:

Molecular weight	290,79
Melting temperature	56,7 °C
Solubility in water	238,5 °C

Packing:
20-25 kg paper bags with plastic inner

Danger class 5
Subclass 5.1
Classified press-mark 5113
UN serial number 2725

Guarantee period of storage - 3 years

Quality data:

	GOST 4055-78, Pure, %	GOST 4055-78, Pure for analyses, %
The content of the main substance	≥ 98,0	≥ 99,0
Insolubles in H ₂ O	≤ 0,005	≤ 0,003
SO ₄	≤ 0,01	≤ 0,005
Cl	≤ 0,003	≤ 0,001
Fe	≤ 0,001	≤ 0,0005
K+Na+Ca+Mg	≤ 0,08	≤ 0,05
Cd	-	≤ 0,002
Co	≤ 0,02	≤ 0,01
Pb	-	≤ 0,0005
Cu	≤ 0,005	≤ 0,002
Zn	≤ 0,002	≤ 0,001
pH of 5% solution	-	3,5-5,5

Application: for production of alkaline accumulators, nickel-content catalysts, and other compounds of nickel, as a component of electroplating; in ceramics