



Cobalt (II) Sulphate Heptahydrate Pure Grade

CoSO₄ • 7H₂O

Appearance: pink-red crystals

Phys.-chem. data:

Molecular weight	281,09
Melting temperature	96,8 °C
Solubility in water	87 ²⁰

Packing:

20-25 kg paper bags with plastic inner

Danger class 9
Subclass 9.1

Guarantee period of storage - 1 year

Quality data:

	GOST 4462-78, Pure, %	GOST 4462-78, Pure for analysis, %
The content of the main substance	99,0-102,0	99,5-102,0
Insoluble in H ₂ O	≤ 0,01	≤ 0,003
N	≤ 0,05	≤ 0,05
Cl	≤ 0,003	≤ 0,001
Fe	≤ 0,005	≤ 0,001
K + Na	≤ 0,05	≤ 0,015
Ca	≤ 0,03	≤ 0,005
Ni	≤ 0,1	≤ 0,005
Mg	≤ 0,005	≤ 0,001
Cu	≤ 0,005	≤ 0,001
Zn	≤ 0,002	≤ 0,002
pH of 5% solution	3-5	3-5

Application: as pigment for glass and ceramics, component of electrolytes for electroplating, for production of cobalt-content compounds, in animal feed industry