

TECHNICAL DATA SHEET



Cobalt Sulphate - Battery Materials Grade

Product Information

Property	Value
Product Name	Cobalt Sulphate
Chemical Formula	$\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$
Grade	Battery Materials Grade
CAS Number	10026-24-1
HS Code	283329
Appearance	Rose-red crystalline powder
Content	$\text{Co} \geq 20.5\%$

Typical Specifications

Parameter	Specification
Cobalt (Co) content	$\geq 20.5\%$
Nickel (Ni)	$\leq 0.005\%$
Copper (Cu)	$\leq 0.0005\%$
Iron (Fe)	$\leq 0.001\%$
Lead (Pb)	$\leq 0.0005\%$
Cadmium (Cd)	$\leq 0.0005\%$
Water insoluble matter	$\leq 0.005\%$
Magnetic foreign matter	$\leq 80 \text{ ppb}$
pH	3-7

Packaging & Storage

- Packaging: Typically packed in 1,000 kg bags; 25 kg bags may be available subject to supplier confirmation.
- Storage: Store in a cool, dry, and well-ventilated area away from moisture and incompatible materials.
- Handling: Avoid direct contact; use appropriate protective equipment and prevent dust generation.

The information contained in this Technical Data Sheet is believed to be accurate and reliable. However, it is provided for guidance only and no warranty is expressed or implied. Users should conduct their own testing to determine the suitability of this product for their particular application.