TECHNICAL DATA SHEET (TDS)

COBALT SULPHATE

1. PRODUCT IDENTIFICATION

Particulars	Details
Product Name	Cobalt Sulphate
Grade	Technical Grade
Chemical Name	Cobalt Sulphate
Cobalt Content (Co)	20.96%

2. PRODUCT DESCRIPTION

Cobalt Sulphate is a red-brown crystalline chemical compound supplied in the form of adhering crystals or crystalline powder. It is suitable for various industrial applications where controlled cobalt content and low impurity levels are required.

3. TECHNICAL SPECIFICATIONS

Sr. No.	Test Parameters	Specifications
1	Appearance (Color)	Red-brown adhering crystals or crystalline powder
2	Assay (Complexometry)	≥ 99.9%
3	Cobalt (Co)	20.96%
4	Nickel (Ni)	< 10 ppm
5	Iron (Fe)	< 10 ppm
6	Aluminum (Al)	< 10 ppm
7	Manganese (Mn)	< 10 ppm
8	Copper (Cu)	< 10 ppm
9	Sodium (Na)	< 50 ppm
10	Lithium (Li)	< 10 ppm
11	Calcium (Ca)	< 50 ppm
12	Magnesium (Mg)	< 50 ppm
13	Zinc (Zn)	< 10 ppm
14	pH (10% Solution)	5.0 – 5.5
15	Water Insoluble Matter	< 0.01%
16	Moisture	< 0.1%

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4. PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Appearance	Red-brown adhering crystals or crystalline powder
Cobalt Content	20.96%
pH (10% Solution)	4-5
Water Insoluble Matter	< 0.01%
Moisture	< 0.1%

5. QUALITY ASSURANCE

The product is manufactured and tested against the specified quality parameters to ensure consistent quality and controlled impurity levels.

Each batch is subject to quality inspection, and the relevant Certificate of Analysis (COA) can be provided upon request.

6. DISCLAIMER

The information provided in this Technical Data Sheet is based on the available product specifications and is intended for technical reference purposes only. Actual product quality and characteristics should be verified against the batch-specific Certificate of Analysis (COA).

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