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## Copper Sulphate Pentahydrate

### Certificate of Analysis

#### Product Specification:

|                    |                                           |
|--------------------|-------------------------------------------|
| Identity:          | Copper Sulphate Pentahydrate              |
| Molecular Formula: | $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ |
| M.W.:              | 249.6776 gm/mole                          |
| Prepared By:       | QC Department                             |

#### Physical Properties:

|                  |                         |
|------------------|-------------------------|
| Appearance       | Blue Crystalline Powder |
| Screen Analysis: | Uniform (20 mesh)       |
| Solubility:      | 98.2%                   |

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#### Typical Chemical Analysis:

| Elements    | Standard  | Analysis Result | Method     | Unit |
|-------------|-----------|-----------------|------------|------|
| Copper, Cu  | 24.00%    | 24.05%          | Volumetric | %    |
| Cadmium     | Below 100 | 60 ppm          | AAS        | ppm  |
| Arsenic     | Below 50  | 35 ppm          | AAS        | ppm  |
| Lead, Pb    | Below 100 | 90 ppm          | AAS        | ppm  |
| Mercury, Hg | Below 25  | 10 ppm          | AAS        | ppm  |
| pH.....     |           | 3.05            |            |      |

#### Packing:

**STANDARD ....Net 50 kg HDPE Plastic bags with inner liner**

**Options .....Net 25 kg**

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#### NOTE:

- (1) Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.
- (2) Any quality deviation must be brought to our notice within 10 days from the date of delivery of the material at Customer's end. No quality deviations will be entertained after 10 days.