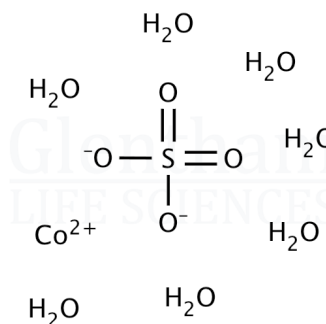


## Certificate of Analysis

|                   |                                           |
|-------------------|-------------------------------------------|
| Product Name      | Cobalt(II) sulfate heptahydrate           |
| Glentham Code     | GX7772                                    |
| CAS Number        | 10026-24-1                                |
| EINECS            | 233-334-2                                 |
| MDL Number        | MFCD00149657                              |
| Batch Number      | 751JIP                                    |
| Molecular Weight  | 281.10                                    |
| Molecular Formula | $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ |
| Storage Temp.     | +20°C                                     |



| Property                 | Specification                                                | Batch 751JIP      |
|--------------------------|--------------------------------------------------------------|-------------------|
| Physical Description     | Red to dark red crystals or crystalline powder               | Dark red crystals |
| Solubility (5% in water) | Clear to very slightly turbid, red solution                  | Conforms          |
| Nickel (Ni)              | ≤ 0.1%                                                       | 0.0005%           |
| Copper (Cu)              | ≤ 0.01%                                                      | ≤ 0.0001%         |
| Iron (Fe)                | ≤ 0.01%                                                      | 0.0001%           |
| Cobalt (Co)              | 20.0 - 21.5 % (as heptahydrate)                              | 21.0%             |
| Assay                    | 98.0 - 102.0 % ( $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ ) | 100.2%            |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2021-11-23 |
| Re-Test Date          | 2029-11-22 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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