

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

|                         |                       |
|-------------------------|-----------------------|
| <b>Catalogue Number</b> | 01257                 |
| <b>Lot Number</b>       | 002248-9013-140708    |
| <b>Product</b>          | <b>Silver sulfate</b> |

Silver(I) sulfate

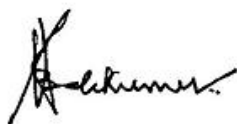
|                          |                                 |
|--------------------------|---------------------------------|
| <b>CAS Number</b>        | 10294-26-5                      |
| <b>Molecular Formula</b> | Ag <sub>2</sub> SO <sub>4</sub> |

|                         |       |
|-------------------------|-------|
| <b>Molecular Weight</b> | 311.8 |
|-------------------------|-------|

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|                               |  |
|-------------------------------|--|
| <b>Appearance</b>             | White solid  |
| <b>Solubility</b>             | 0.8 g in 100 mL Water @ 20 °C  |
| <b>Melting Point</b>          | 657 °C (Approx.)   |
| <b>Anion</b>                  | Nitrate (NO <sub>3</sub> <sup>-</sup> ): < 0.001%                                    |
| <b>Cation</b>                 | Iron (Fe): < 0.001%  |
| <b>Insoluble material</b>     | < 0.02% (AgCl)   |
| <b>Assay</b>                  | 69.21% (Ag)  |
| <b>Assay by titration</b>     | 98.5%  |
| <b>Grade</b>                  | ACS reagent  |
| <b>Application</b>            | Used as a titrimetric reagent.   |
| <b>Storage</b>                | Store at RT  |
| <b>Additional Information</b> | Substances not precipitated by HCl: < 0.03%  |
| <b>Remarks</b>                | See material safety data sheet for additional information<br>For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**