

2517– ANTIMONY POTASSIUM TARTRATE, EXTRA PURE

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| Ref No: TBL/QA/SS/LC/2517 | STANDARD SPECIFICATION FOR ANTIMONY POTASSIUM TARTRATE, EXTRA PURE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 31/10/2024 |
| Issue Date: 01/11/2021 | | Product code: 2517 |

PRODUCT PROPERTIES

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| C.A.S Number | 28300-74-5 |
| Chemical Formula | $C_8H_4K_2O_{12}Sb_2 \cdot 3H_2O$ |
| Formula weight | 667.87 |
| Functional Uses | Potassium antimonyl tartrate trihydrate may be used to prepare antimony (Sb(III)) stock solution in deionized water (100mg/L). It may also be employed in the spectrophotometric determination of total phosphorus in dry sediments. |
| Standard Packaging | 100gm, 500 gm, 25Kg |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------------------|
| Appearance | White crystalline powder. |
| Solubility | Soluble in water. |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-----------------------------|---------------|
| Loss on Drying (105°C) | NMT – 3.0% |
| Chloride (Cl) | NMT – 0.001% |
| Sulphate (SO ₄) | NMT – 0.005% |
| Calcium (Ca) | NMT – 0.005% |
| Iron (Fe) | NMT – 0.005% |
| Heavy Metals (Pb) | NMT – 0.005% |
| Assay | NLT – 99.0% |

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

