

## 3207 – QUININE HYDROCHLORIDE (Dihydrate)

|                           |   |                         |
|---------------------------|---|-------------------------|
| REF NO: TBL/QA/SS/LC/3207 | STANDARD SPECIFICATION<br>FOR QUININE<br>HYDROCHLORIDE<br>(Dihydrate) | Rev. No: 03             |
| Issue No: 04              |   | Review Date: 26/10/2024 |
| Issue Date: 27/10/2021    |   | Product code: 3207      |

### PRODUCT PROPERTIES

|                    |   |
|--------------------|---|
| C.A.S Number       | 6119-47-7   |
| Chemical Formula   | $C_{20}H_{24}N_2O_2 \cdot HCl \cdot 2H_2O$  |
| Formula weight     | 396.91  |
| Functional Uses    | Quinine hydrochloride dihydrate has been used in Drosophila larval behavioral assay.[3] It has also been used in taste preference analysis among rats |
| Standard Packaging | 25 gm   |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION       |
|-------------------|---------------------|
| Appearance        | White color powder. |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Assay             | NLT – 99.0%   |

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

