

# BGP HEALTHCARE PRIVATE LIMITED

## DATA SHEET

### Nicotine Bitartrate Dihydrate

Nicotine Bitartrate Dihydrate is a salt of nicotine and tartaric acid and is an extremely pure and stable source of nicotine.

#### Identification :

Molecular Formula :  $C_{10}H_{14}N_2 \cdot 2(C_4H_6O_6) \cdot 2H_2O$

CAS No. : 65-31-6

#### Regulatory Documents

USDMF : Under preparation

EDMF : Under preparation

Batch Size : Up to 25 Kgs.

#### Specifications:

Appearance : White crystalline powder

**Solubility:** Soluble in water

Specific Optical Rotation:  $+21^\circ$  to  $23^\circ C$  at  $20^\circ C$

Water content : 6.9 % To 8.0 %

Heavy Metals:  $\leq 10$  ppm

#### Assay

Nicotine content: 32.1 % to 33.0 %

#### Chromatographic purity:

By HPLC

Largest identified impurity:  $\leq 0.30$  %

Largest Unidentified impurity:  $\leq 0.10$  %

Total impurity:  $\leq 0.80$  %