

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: ≤ 10 ppm

Assay

Nicotine content: 32.1 % to 33.0 %

Chromatographic purity:

By HPLC

Largest identified impurity: ≤ 0.30 %

Largest Unidentified impurity: ≤ 0.10 %

Total impurity: ≤ 0.80 %