

## **CARBAMAZEPINE**

CAS NO.: 298-46-4

Molecular Formula: C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O

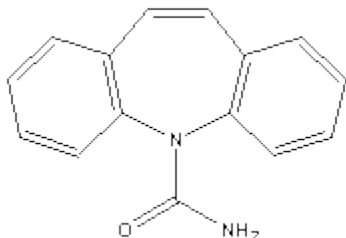
Molecular Weight: 236.274 g/ mol

ASSAY: NLT 98.0%

Grade: IP,BP,EP, USP

ExpiryDate: 5Years( 60 Months) from date of MFG.

## **STRUCTURES**



## **PHYSICAL & CHEMICAL PROPERTIES**

Physical State : Solid Powder  
Storage Temp. : Store Below 30° C  
Boiling Point : 411°C at 760 mmHg  
Melting Point : 189°C -192°C  
Vapor Pressure : 5.78E-07 mmHg at 25°

Colour: White or Yellowish White  
Density : 1.266 g/cm<sup>3</sup>  
Flash Point : 202.4°C  
Solubility : Dichloro Methane (Freely)  
Refractive Index : 1.669

## **PACKINGS**

Quantity :25 Kgs  
Packing Material : Fiber Drum with Liner



## **SPECIFICATIONS**

APPEARANCE : White or Yellowish white crystalline powder  
ASSAY(ON DRIED BASIS BY HPLC) : 98.0% TO 102.0%  
LOSS ON DRYING : NMT 0.5%  
SOLUBILITY : Soluble in Dichloro Methane  
TOTAL IMPURITIES : NMT 0.5%

## **RISK & SAFETY**

Hazard Symbols : Xn- Harmful



Risk Codes : R22- Harmful by inhalation, in contact with skin and if swallowed

R42/43- May cause sensitization by inhalation and skin contact

Safety Description: S22- Do not breathe dust .

S24- Avoid contact with skin.

S37-Wear suitable gloves.