



## SPECIFICATIONS

### AMBROXOL HCL

**MOLECULAR FORMULA** : C<sub>13</sub> H<sub>18</sub> Br<sub>2</sub> N<sub>2</sub> O HCL,      **MOL. WT.** : 414.6  
**CAS NO.:** 23828-92-4      **MERCK INDEX NO.:** 401      **EINECS NO.:** 248-111-5

**CHEMICAL NAME** : trans-4-(2-amino-3,5-dibromobenzylamino) cyclohexanol hydrochloride.

**C** 37.66%,    **H** 4.62%    **Br** 38.55%,    **N** 6.76%    **O** 3.86%    **Cl** 8.55%.

It contains not less than 99.0 percent and not more than 101.0 percent of C<sub>13</sub> H<sub>18</sub> Br<sub>2</sub> N<sub>2</sub> O. HCL, calculated with reference to the dried substance

**CHARACTERISTICS** : A white or almost white, crystalline powder, odourless or almost odourless.

**SOLUBILITY** : Soluble in N,N-dimethylformamide, soluble in methanol , slightly soluble in ethanol and water, practically insoluble in chloroform and benzene.

**STORAGE** : Ambroxol Hydrochloride should be protected from light.

**THERAPEUTIC CATEGORY** : Expectorant; enhanced mucolytic. crystalline powder, characteristic odour