



## CERTIFICATE OF ANALYSIS

### BROMPHENIRAMINE MALEATE

CAS Number 980-71-2  
Molecular Formula  $C_{16}H_{19}BrN_2.C_4H_4O_4$   
Molecular Weight 435.31

| TEST                | SPECIFICATION  |
|---------------------|----------------|
| ASSAY (DRIED BASIS) | 98.0 - 100.5 % |
| MELTING RANGE       | 130 - 135 C    |
| pH OF A 1% SOLUTION | 4.0 - 5.0      |
| LOSS ON DRYING      | -- 0.5 %       |
| RESIDUE ON IGNITION | -- 0.2 %       |
| RELATED COMPOUNDS   | -- 2.0 %       |
| IDENTIFICATION      | --TO PASS TEST |
| EXPIRATION DATE     |                |
| RESIDUAL SOLVENTS   | --TO PASS TEST |