



## CERTIFICATE OF ANALYSIS

### CARBAMAZEPINE

CAS Number 298-46-4  
Molecular Formula C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O  
Molecular Weight 236.27

TEST	SPECIFICATION
ASSAY (DRIED BASIS)	98.0 - 102.0%
X-RAY DIFFRACTION	CONFORMS
ACIDITY	-- TO PASS TEST
ALKALINITY	-- TO PASS TEST
LOSS ON DRYING	-- 0.5%
RESIDUE ON IGNITION	-- 0.1%
CHLORIDE (Cl)	-- 0.014%
HEAVY METALS (as Pb)	-- 0.001%
RELATED COMPOUNDS	-- TO PASS TEST
IDENTIFICATION	-- TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	-- TO PASS TEST