



## CERTIFICATE OF ANALYSIS

### PAPAVERINE HYDROCHLORIDE

CAS Number 61-25-6  
Molecular Formula  $C_{20}H_{21}NO_4 \cdot HCl$   
Molecular Weight 375.85

TEST	SPECIFICATION
ASSAY (DRIED BASIS)	98.5 - 100.5%
pH OF A 1 IN 50 SOLUTION	3.0 - 4.5
COMPLETENESS OF SOLUTION	--TO PASS TEST
LOSS ON DRYING	-- 0.5%
RESIDUE AFTER IGNITION	-- 0.1%
CRYPTOPINE, THEBAINE OR OTHER ORG. IMPURITIES	--TO PASS TEST
IDENTIFICATION	--TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	--TO PASS TEST