



## CERTIFICATE OF ANALYSIS

### L-CYSTINE

CAS Number 56-89-3  
Molecular Formula C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
Molecular Weight 240.29

TEST	SPECIFICATION
ASSAY (DRIED BASIS)	98.5 - 101.5 %
SPECIFIC ROTATION [α] <sub>D</sub>	-215 TO -225
LEAD (Pb)	-- 5 mg/kg
LOSS ON DRYING	-- 0.2 %
RESIDUE ON IGNITION	-- 0.1 %
IDENTIFICATION	-- TO PASS TEST
EXPIRATION DATE	