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L-Cystine,

$\text{HOOC}(\text{NH}_2)\text{CHCH}_2\text{S}-\text{SCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ 240.30 CAS RN[®]: 56-89-3.

- [SPECIFIC ROTATION \(781\)](#).

Sample solution: 20 mg/mL of L-cystine, previously dried over [silica gel](#) for 4 h

Temperature: 20°

Acceptance criteria: -215° to -225°

- [LOSS ON DRYING \(731\)](#).

Analysis: Dry over [silica gel](#) for 4 h.

Acceptance criteria: NMT 0.2%

- **RESIDUE ON IGNITION** (Reagent test): NMT 0.1%

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
L-CYSTINE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

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