

## Certificate Of Analysis

**Product No.** B614337  
**Product Name:** D-Cysteine hydrochloride monohydrate  
**CAS NO.** 32443-99-5  
**Lot No.**  
**Inspection Date:**  
**Reinspection Date:**

Test	Specification
APPEARANCE	WHITE POWDER
PURITY(%)	97.5
SPECIFIC ROTATION $[\alpha]_{20}^D(C=5, 1\text{MOL/L HCL})$	-6.5°--4.5°
INFRARED SPECTRUM	Conforms to Structure

