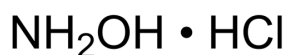


## Certificate of Analysis

**Product Name:** Hydroxylamine (hydrochloride)  
**Cat. No.:** CS-0015850  
**CAS No.:** 5470-11-1  
**Batch No.:** 357540  
**Chemical Name:** Hydroxylamine, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:**  $\text{ClH}_4\text{NO}$   
**Molecular Weight:** 69.49  
**Storage:** 2-8°C, sealed storage, away from moisture  
**Chemical Structure:**



### ANALYTICAL DATA

	Specification	Result
<b>Appearance:</b>	White to off-white (Solid)	White (Crystalline Powder)
<b>Assay, <math>\omega/\%</math>:</b>	$\geq 99.0$	99.5
<b>Iron(Fe), <math>\omega/\%</math>:</b>	$\leq 0.0003$	0.0001
<b>Loss On Drying, <math>\omega/\%</math>:</b>	$\leq 0.30$	0.12
<b>Sulfate(<math>\text{SO}_4</math>), <math>\omega/\%</math>:</b>	$\leq 0.005$	0.0005
<b>Heavy Metals(as Pb), <math>\omega/\%</math>:</b>	$\leq 0.0003$	0.0003
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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