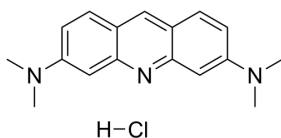


## Certificate of Analysis

<b>Product Name:</b>	Acridine Orange (hydrochloride)
<b>Cat. No.:</b>	CS-7513
<b>CAS No.:</b>	65-61-2
<b>Batch No.:</b>	80909
<b>Chemical Name:</b>	3,6-Acridinediamine, N3,N3,N6,N6-tetramethyl-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>20</sub> ClN <sub>3</sub>
<b>Molecular Weight:</b>	301.81
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	Pink to red (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.24%
<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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