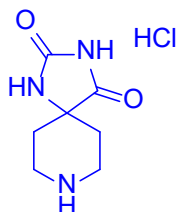




# Certificate of Analysis



---

<b>IUPAC</b>	1,3,8-Triazaspiro[4.5]decane-2,4-dione hydrochloride
<b>Molecular Weight</b>	205.65
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>2</sub>
<b>Physical State</b>	Solid
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>Lot Number</b>	

---

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>97%	PASS
Mass Spectroscopy	[M+H] <sup>+</sup> = 170.09 ± 1 amu	[M+H] <sup>+</sup> = 170.1
<sup>1</sup> H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance  
Department: