

**Client: Sequence 22**

 Sample received: **04/11/26**  
 Analysis conducted: **04/21/26**

Compound:	5-amino-1-methylquinolinium iodide	CAS:	42464-96-0
Batch/Lot #:	S22-AMQ-0418-01	Formula:	C10H11IN2
Appearance:	orange powder	Mol Wt:	286.11 g/mol

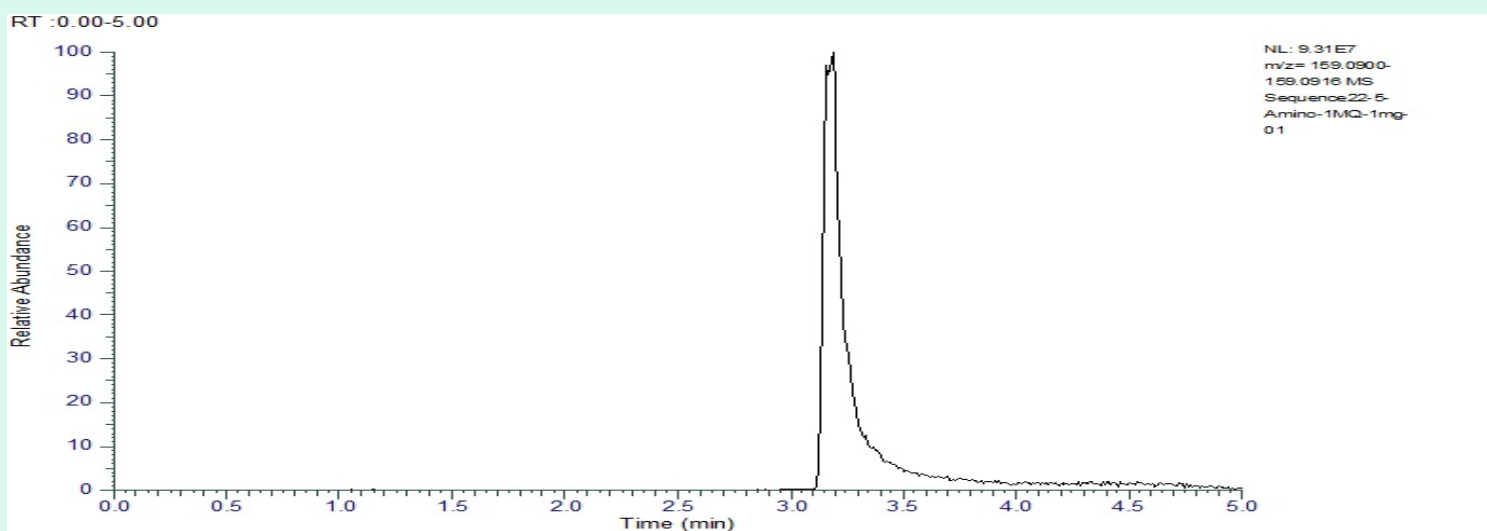
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 66522933

5-amino-1-methylquinolinium | C10H11IN2 | 66522933 Pubchem CID

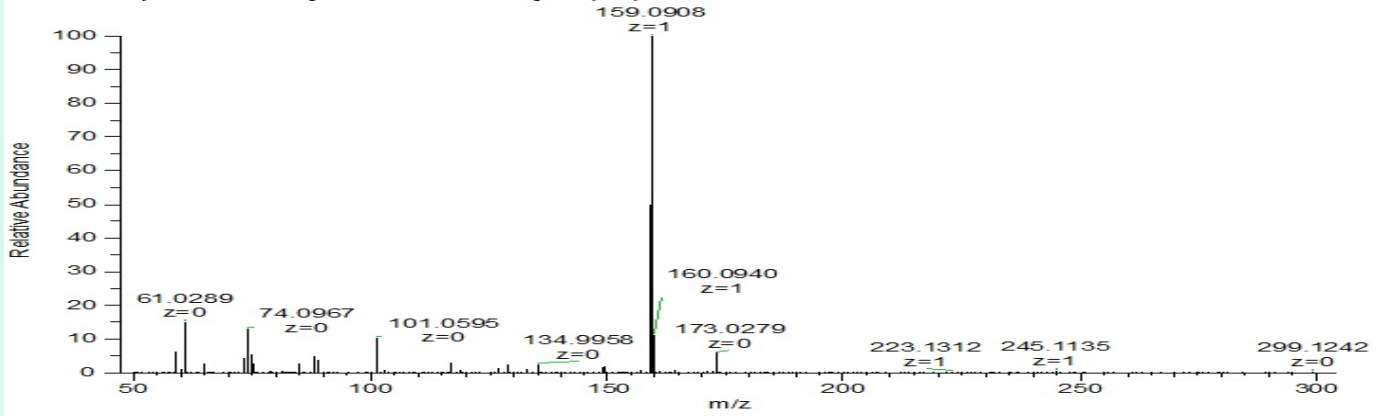
	Specification	Result	
Identity Test:	5-Amino-1-methylquinolinium	<b>5-Amino-1-methylquinolinium</b>	<b>Conforms</b>
Purity:	>99%	<b>99.67%</b>	<b>Conforms</b>

### LC-MS Chromatogram: Retention Time and Peak Analysis



### Full Scan Mass Spectrometry Analysis

Sequence22-5-Amino-1MQ-1mg-01 #366 RT: 3.19 AV: 1 NL: 8.87E7  
T: FTMS + p ESI Full ms [50.0000-300.0000] IIT (ms): 11.0570



**Analysis Performed by**

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Analytical Chemist  
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*Roberto Marin*