

**Catalog Number** E3111  
**Product Name** 5-(*N*-ethyl-*N*-isopropyl)amiloride, hydrochloride  
**CAS Number / Name** 134672-02-9 / Pyrazinecarboxamide, 3-amino-*N*-(aminoiminomethyl)-6-chloro-5-(ethyl(1-methylethyl)amino)-, conjugate monoacid  
**Molecular Formula** C<sub>11</sub>H<sub>19</sub>Cl<sub>2</sub>N<sub>7</sub>O  
**Molecular Weight** 336.22  
**Appearance** yellow solid  
**Lot Number** 1180044

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	378 nm 24800 cm <sup>-1</sup> M <sup>-1</sup>	378 ± 3 nm 24000 ± 2000 cm <sup>-1</sup> M <sup>-1</sup>
<b>HPLC</b> Purity	98 % at 254 nm	≥ 95 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	38A1	n.a.

1. Solvent: Methanol.

*Betty Wood*

Betty Wood, Quality Assurance Manager

13-Jun-2012

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.