Certificate of Analysis

Amiloride

 Cat. No.:
 HY-B0285

 CAS No.:
 2609-46-3

 Batch No.:
 360933

Chemical Name: 2-Pyrazinecarboxamide, 3,5-diamino-N-(aminoiminomethyl)-6-chloro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_8CIN_7O$ Molecular Weight:229.63

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} CI & N & NH \\ & N & NH_2 \\ H_2N & N & NH_2 \end{array}$$

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.96%

Conclusion: 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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