

Invivo chem



Certificate of Analysis

| Product Name | Amiloride HCI (MK-870) |
|--------------|------------------------|
| Catalog No. | V1644 |
| Batch No. | V164401 |

1. Physical and Chemical Properties

| Appearance | Powder |
|-------------------|---------------|
| Molecular Formula | C6H8CIN7O.HCI |
| Molecular Weight | 266.09 |
| Purity | ≥98% |
| CAS No. | 2016-88-8 |
| Production Date | 10/17/2022 |

2. Analytical Data

| HPLC | Indicates ≥98% purity |
|---------------|---------------------------|
| NMR | Consistent with structure |
| Mass Spectrum | Consistent with structure |

3. Structure

$$\begin{array}{c} H_2N \\ \\ CI \\ \\ N \\ \\ HCI \\ \\ \\ H_2N \end{array}$$

$$\begin{array}{c} NH_2 \\ \\ NH_2 \\ \\ \\ H_2N \end{array}$$

4. Storage Condition

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| Short term storage (weeks) | 0 - 4 °C under dry condition for six weeks |
|----------------------------|--|
| Long term storage (months) | -20 °C under dry condition for two years |

Products are for research use only • Not for human or veterinary use