## **Certificate of Analysis**

## 3-Aminopropionitrile fumarate (2:1)

Cat. No.: HY-107829
CAS No.: 2079-89-2
Batch No.: 319454

Chemical Name: Propanenitrile, 3-amino-, (2E)-2-butenedioate (2:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_4O_4.2C_3H_6N_2$ 

Molecular Weight: 256.26

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

$$H_2N$$

$$H_2N$$
  $=$   $N$   $O$   $OH$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.74%

**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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