Certificate of Analysis

Methyldopa (hydrate)

Cat. No.: HY-B0225B CAS No.: 41372-08-1 Batch No.: 16471

Chemical Name: L-Tyrosine, 3-hydroxy-α-methyl-, hydrate (2:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{16}NO_{5.5}$ 238.24 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$HO$$
 H_2N
 OH
 OH

1.5H₂O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity (HPLC): 99.95%

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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