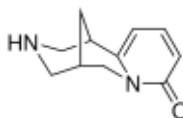


Certificate of Analysis

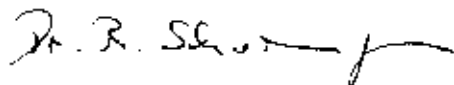
Product Name:

Cytisine - $\geq 99.0\%$ (HPLC), $\geq 99\%$

Product Number: 712264
Batch Number: BCCJ3127
Brand: ALDRICH
CAS Number: 485-35-8
Formula: C₁₁H₁₄N₂O
Formula Weight: 190,24 g/mol
Quality Release Date: 22 SEP 2022
Date Retested: 16 APR 2025
Recommended Retest Date: MAR 2028



Test	Specification	Result
Appearance (Color)	White to Faint Yellow	White
Appearance (Form)	Powder or Crystals	Powder
Purity (HPLC)	$\geq 99.0\%$	99.9 %
Specific Rotation (20/D) c= 1 in Ethanol	-111.0 - -105.0 deg	-110.1 deg
Melting Point	155 - 159 °C	157 °C
Carbon Content 69.43 % (Theory)		69.80 %
Hydrogen Content 7.42 % (Theory)		7.45 %
Nitrogen Content 14.73 % (Theory)		14.65 %
¹ H NMR Spectrum	Conforms to Structure	Conforms



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

