



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-281538A  
Lot Number: SAMPLE  
Product Name: L-Alanine-5-bromo- 4-chloro-3- indoxyl ester, trifluoroacetate salt  
CAS Number: 207725-18-6  
Molecular Formula:  $C_{13}H_{11}BrClF_3N_2O_4$   
Molecular Weight: 431.59

Test	Specification	Result
Appearance (Color)	White to slightly off-white	White
Appearance (Form)	Crystalline powder	Complies
Identification (TLC)		Complies
Decomposition Point	161 - 165 °C	163 °C
Residual Solvents (GC)	≤ 10%	3.9%
Solution (Color)	Colorless	Complies
Solution (Turbidity)	≤ 4.0 NTU	2.4 NTU
FTIR		Complies
Specific Rotation	-11.0 to -9.0 (1% in methanol)	-10.8
Perchloric Acid Titration	98.0 - 102.0 %	99.5%
Water Content (KF)	≤ 2.0%	0.3%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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