



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-283767A
Lot Number: SAMPLE
Product Name: 3-Indoxyl butyrate
CAS Number: 4346-15-0
Molecular Formula: $C_{12}H_{13}NO_2$
Molecular Weight: 203.24

Test	Specification	Result
Appearance (Color)	White to slightly off-white	White
Appearance (Form)	Crystalline powder	Complies
Identification (FTIR)	Consistent with reference material	Complies
Identification (TLC)	Consistent with reference material	Complies
Purity (TLC)	$\geq 98\%$	$> 98\%$
Melting Point	91 - 93 °C	93 °C
Solution (Color)	Colorless at 5% in acetone	Complies
Solution (Turbidity)	≤ 2.0 NTU at 0.5% in acetone	0.3 NTU at 0.5% in acetone
Water Content (KF)	$\leq 1.0\%$	0.1%

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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