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Certificate of Analysis

Catalogue Number	21310
Lot Number	0000000314
Product	5-Chloroindole-2-carboxylic acid methyl ester 5-Chloro-1 <i>H</i> -indole-2-carboxylic acid methyl ester Methyl 5-chloroindole-2-carboxylate
CAS Number	87802-11-7
Molecular Formula	C ₁₀ H ₈ ClNO ₂
Molecular Weight	209.63

Appearance	Slightly off-white crystalline powder
Solubility	Colorless to slightly yellow solution (2% in Acetone)
Melting Point	217 °C
Water Content (Karl Fisher)	0.2%
TLC System	1-Propanol/Ammonia/Water (8:1:1); Silica gel, 50 mg in 3 mL Acetone; UV 254 nm, van Urk reagent
Infrared Spectrum	Conforms to structure
Purity by GC	99.6%
Purity by TLC	Silica gel, 50 mg in 3 mL acetone 1-propanol/ammonia/water (8:1:1) UV 254 nm, Van Urk Reagent
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager