

Certificate of Analysis

Product Name:

Dansyl Chloride, Suitable for fluorescence, **PurBio, ≥99.0%**

Product No.: PSR45643
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 605-65-2
Molecular Formula: C₁₂H₁₂ClNO₂S
Molecular Weight: 269.75 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Yellow to Orange to Brown powder to crystals	Yellow Powder
Purity (By HPLC)	≥ 99.0 %	99.78 %
Solubility (0.2g in 10ml Acetone)	Yellow to Very Deep Yellow – Orange Clear to Very Hazy Solution	Very Dark Orange very Hazy Solution
Carbon Content	-	54.30 %
Hydrogen Content	-	4.57 %
Nitrogen Content	-	4.82 %
Identification by IR	Conforms to structure	Conforms to structure
Fluorescence (Ex. 337 nm in CHCl ₃ , Hexylamine)	487 - 497 nm	493 nm
Suitability For Fluorogenic Derivatisation of Amines	Conforms	Conforms

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a temperature of 2 - 8 °C and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com