



CERTIFICATE OF ANALYSIS

Catalog Number C002
Product Name DAPI, 5 mg/mL solution in water
CAS Number 28718-90-3
Molecular Formula C₁₆H₁₇Cl₂N₅
Molecular Weight 350.25
Appearance yellow solution
Lot Number

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum	347 nm	348 ± 3 nm
Fluorescence ¹ Emission Maximum	455 nm	457 ± 4 nm
HPLC Purity	96 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure

1. Solvent: Methanol.