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CERTIFICATE OF ANALYSIS

Catalog Number C006
Product Name Hoechst 33342, 10 mg/mL in water
CAS Number 23491-52-3
Molecular Formula $C_{27}H_{37}Cl_3N_6O_4$
Molecular Weight 615.99
Appearance yellow solution
Lot Number

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum	354 nm	352 ± 3 nm
Fluorescence ¹ Emission Maximum	463 nm	461 ± 4 nm
HPLC Purity	95 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure

1. Solvent: 0.1 M HCl/Methanol.