

Catalog Number H1399
Product Name Hoechst 33342, trihydrochloride, trihydrate
CAS Number / Name 23491-52-3 / 2,5'-Bi-1H-benzimidazole, 2'-(4-ethoxyphenyl)-5-(4-methyl-1-piperazinyl)-
Molecular Formula C₂₇H₃₇Cl₃N₆O₄
Molecular Weight 615.99
Appearance yellow solid
Lot Number 1571156

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	358 nm 46000 cm ⁻¹ M ⁻¹	357 ± 3 nm 43000 ± 3000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	539 nm	538 ± 4 nm
HPLC Purity	99 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1360432	N/A

1. Solvent: 0.2 M HCl/Methanol.

Betty Wood

Betty Wood, Quality Assurance Manager
20-May-2013

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.