

Catalog Number H21491
Product Name Hoechst 33258, pentahydrate (bis-benzimide) *FluoroPure™ grade*
CAS Number / Name 23491-45-4 / Phenol, 4-[5-(4-methyl-1-piperazinyl)[2,5'-bi-1H-benzimidazol]-2'-yl]-, trihydrochloride
Molecular Formula C₂₅H₃₇Cl₃N₆O₆
Molecular Weight 623.96
Appearance yellow solid
Lot Number 2018255

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	359 nm 49000 cm ⁻¹ M ⁻¹	357 ± 3 nm 47000 ± 4000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	538 nm	536 ± 4 nm
HPLC Purity	99 % at 254 nm	≥ 98 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1700645	N/A

1. Solvent: 0.2 M HCl/Methanol.



Rachel Smith, Quality Assurance Manager
24-Jul-2015

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.