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**Catalog Number** C004  
**Product Name** Hoechst 33258, pentahydrate (bis-benzimide), 10 mg/mL in water  
**CAS Number** 23491-45-4  
**Molecular Formula**  $C_{25}H_{37}Cl_3N_6O_6$   
**Molecular Weight** 623.96  
**Appearance** yellow solution  
**Lot Number**

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum	353 nm	352 ± 3 nm
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	460 nm	461 ± 4 nm
<b>HPLC</b> Purity	96 % at 254 nm	≥ 95 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure

1. Solvent: 0.1 M HCl/Methanol.