

**Catalog Number** H3569  
**Product Name** Hoechst 33258, pentahydrate (bis-benzimide) \*10 mg/mL solution in water\*  
**Appearance** yellow-green solution  
**Lot Number** 2086723

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	359 nm 51000 cm <sup>-1</sup> M <sup>-1</sup>	357 ± 3 nm 47000 ± 4000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	535 nm	536 ± 4 nm
<b>HPLC</b> <sup>2</sup> Purity	99 % at 254 nm	≥ 97 % at 254 nm
<b>NMR</b> <sup>2</sup> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1882004	N/A

1. Solvent: 0.2 M HCl/Methanol. Data reported from prepackaged material.

2. Data reported from prepackaged material.



Rachel Smith, Quality Assurance Manager

13-Jul-2017

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.