

Catalog Number M395
Product Name 8-methoxypyrene-1,3,6-trisulfonic acid, trisodium salt (MPTS)
CAS Number / Name 82962-86-5 / 1,3,6-Pyrenetrisulfonic acid, 8-methoxy-, trisodium salt
Molecular Formula C₁₇H₉Na₃O₁₀S₃
Molecular Weight 538.4
Appearance yellow solid
Lot Number 1350373

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	403 nm 26900 cm ⁻¹ M ⁻¹	403 ± 3 nm 27500 ± 2500 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	432 nm	436 ± 4 nm
HPLC Purity	99 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	434632	N/A

1. Solvent: Buffer, 50 mM potassium phosphate (pH 8).

Betty Wood

Betty Wood, Quality Assurance Manager
06-May-2008

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.