

DATASHEET KU600-8

Spectral properties of KU600

Dye Properties		
M_{salt}	638.6	g/mol
M_{dye^+}	493.6	g/mol
Purity	>90	%
Photophysical properties in water		
λ_{abs}	603	nm
ϵ_{max}	20,000	$\text{M}^{-1}\text{cm}^{-1}$
λ_{fl}	620	nm
ϕ_{fl}	~ 22	%
τ_{fl}	~ 7	ns
$\text{CF}_{260} = \epsilon_{260} / \epsilon_{\text{max}}$	Not determined	
$\text{CF}_{280} = \epsilon_{280} / \epsilon_{\text{max}}$	Not determined	

QA Approval - 10/04/2025

