

## DATASHEET KU530-8

Spectral properties of KU530

<b>Dye Properties</b>		
M <sub>salt</sub>	580.4	g/mol
M <sub>dye+</sub>	435.1	g/mol
Purity	>60	%
<b>Photophysical properties in methanol</b>		
$\lambda_{\text{abs}}$	530	nm
$\epsilon_{\text{max}}$	9,800	M <sup>-1</sup> cm <sup>-1</sup>
$\lambda_{\text{fl}}$	560	nm
$\phi_{\text{fl}}$	>60	%
$\tau_{\text{fl}}$	~24	ns
CF <sub>260</sub> = $\epsilon_{260} / \epsilon_{\text{max}}$	4.53	
CF <sub>280</sub> = $\epsilon_{280} / \epsilon_{\text{max}}$	1.27	

QA Approval - 10/04/2025

