

## DATASHEET KU560-2

Spectral properties of KU560

<b>Dye Properties</b>		
M <sub>salt</sub>	470.23	g/mol
	383.14	
Purity	>95	%
<b>Photophysical properties in methanol</b>		
$\lambda_{\text{abs}}$	560	nm
$\epsilon_{\text{max}}$	16,800	M <sup>-1</sup> cm <sup>-1</sup>
$\lambda_{\text{fl}}$	590	nm
$\phi_{\text{fl}}$	>50	%
$\tau_{\text{fl}}$	~20	ns
CF <sub>260</sub> = $\epsilon_{260} / \epsilon_{\text{max}}$	2.98	
CF <sub>280</sub> = $\epsilon_{280} / \epsilon_{\text{max}}$	1.41	

QA Approval - 04/05/2020

