

PRODUCT SPECIFICATIONS

Product :	Ferene (5,5'-(3-(2-Pyridyl)-1,2,4-Triazine-5,6-Diyl)-Bis-2-Furansulfonic Acid Disodium Salt)
Code :	FRN-001
CAS Number :	79551-14-7
Formula :	C₁₆H₈O₈Na₂N₄S₂ (Mw: 494)
Form :	Yellow solid
$\epsilon_{\max}$ 593nm (Fe²⁺/Ferene) :	> 37,000 (color limiting)
$\epsilon_{\max}$ 304nm (distilled water) :	> 25,500
$\epsilon_{\max}$ 593nm (Fe²⁺/Ferene) :	> 34,000 (iron limiting)
Maximum of absorption (in water) :	535 - 543
Water :	9.0 - 13.0 %
Stability :	24 months
Storage :	Room Temperature