



Certificate of Specification

**Ferene
(KFRN-100S)**

Specifications

CAS:	79551-14-7
Molecular weight:	494
Molecular formula:	$C_{16}H_8N_4O_8S_2Na_2$
Appearance:	Yellow solid
ϵ_{\max} 593nm (Fe ²⁺ /ferene):	> 34000 (color limiting)
ϵ_{\max} 304nm (distilled water):	> 25500
ϵ_{\max} 593nm (Fe ²⁺ /ferene):	> 34000 (iron limiting)
Water:	9.0 - 13.0 %
Storage:	Room temperature
Stability:	At least one year at room temperature