

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	01250
<b>Lot Number</b>	000023-021206
<b>Product</b>	<b>Potassium ferrocyanide trihydrate</b>  Potassium hexacyanoferrate(II) trihydrate  Yellow prussiate
<b>CAS Number</b>	14459-95-1
<b>Molecular Formula</b>	$K_4Fe(CN)_6 \cdot 3H_2O$
<b>Molecular Weight</b>	422.4

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<b>Appearance</b>	Light yellow crystalline powder
<b>Solubility</b>	28 g in 100 mL water at 12 °C
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.006% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): Passes test
<b>Insoluble material</b>	0.002%
<b>Assay by titration</b>	99.9%
<b>Grade</b>	ACS reagent
<b>Application</b>	Moderately strong oxidizer when coupled with ferricyanide.
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager