



Certificate of Analysis

Potassium Ferrocyanide Trihydrate ACS

Catalog Number: PF1001
Lot Number: 0530701
CAS Number: 14459-95-1
Synonym(s): Potassium hexacyanoferrate(II) trihydrate, Yellow prussiate
Molecular Formula: $C_6FeK_4N_6 \cdot 3H_2O$
Molecular Weight: 422.39
Storage: 15°C – 30°C
Date of Manufacture: April 18, 2017
Retest Date: April 17, 2022

Test	Specification	Result
Appearance	Pale yellow crystals	Conforms
Assay	98.5 – 102.0%	100.69%
Identification (FTIR)	To match reference spectra	Conforms
Insoluble Matter	$\leq 0.005\%$	0.0025%
Chloride	$\leq 0.01\%$	$< 0.01\%$
Sulfate	To pass test	Conforms

Approved by:

Date: May 30, 2017

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