



CERTIFICATE OF ANALYSIS

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1. Identification

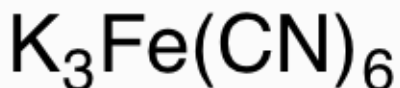
Catalogue Number: P695085

CAS Number: 13746-66-2

Product: Potassium Hexacyanoferrate(III)

Synonym: (OC-6-11)-Hexakis(cyano-κC)ferrate(3-) Potassium

Structure:



Molecular Formula:

$\text{C}_6\text{FeK}_3\text{N}_6$

Molecular weight:

329.24

Source of Product:

N/A

Solubility:

Water

Lot Number: 6-ANF-190-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Dark Orange to Very Dark Red Solid	Dark Orange to Very Dark Red Solid
Elemental Analysis	Conforms	%C: 21.86, %N: 25.53
NMR	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
Potassium Content	Report Result	35.08% by Ion Chromatography

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	Chanell Chu	1/14/2022	1/12/2026