



1. Identification

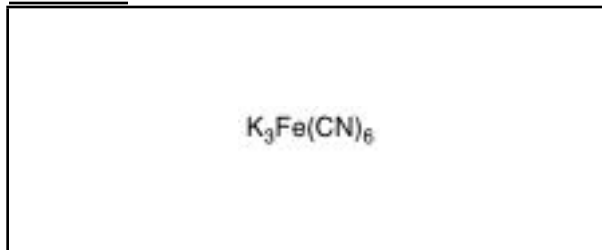
Catalogue Number

P695085

Lot Number

712093240-2-1

Structure



Product Name

Potassium Hexacyanoferrate(III)

Synonyms

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

CAS Number

13746-66-2

Solubility

Aqueous Acid (Slightly), Water
(Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C6FeK3N6

Source of Product

N/A

Long Term Storage Conditions

20°C

Molecular Weight

329.24

Purity

N/A

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Dark Orange to Very Dark Red Solid

Results

Dark Orange to Very Dark Orange Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 21.96, %N: 25.32

FT-IR

Conforms to Structure

Conforms

Potassium Content

Report Result

34.6%

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

R. Swathi

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

10/15/2024

Retest Date

10/13/2028