



Certificate of Analysis

Compound Information

Product Name: [Cu(CH3CN)4][PF6]

Cat. No.: 1105913 **CAS No.:** 64443-05-6

Molecular Formula: $C_8H_{12}CuF_6N_4P$

Molecular Weight: 372.72

Chemical Structure:

 $CH_3C\equiv N$ $N\equiv CCH_3$ Cu^+ PF_6 $CH_3C\equiv N$ $N\equiv CCH_3$

Batch Information

Batch No.: Lg0606256687

Storage: 2-8°C, protect from light, stored under nitrogen

Test Date: 2023-06-06 **Retest Date:** 2026-06-05

Origin: Shanghai, China

QC Summary Specification Result

Appearance: White to off-white (Solid) White (Powder)

Carbon Content (Elemental

24.9-26.7 qualified **Analysis**),ω/%:

Nitrogen Content (Elemental

14.5-15.6 qualified Analysis),ω/%:

Copper(Cu), ω/%: 16.7-17.4 qualified

Structure Identification(Infrared

Conforms Conforms
Spectrum):

Purity (Titration by KMNO₄), ω /%: 98-100 98.5

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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