

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 17:53:58
 Date of Next Testing: 2029-12-28 17:53:58
 Product Name: **Fast Black K Salt hemi(zinc chloride) salt**
 CAS Number: 64071-86-9
 Specifications & Purity:
 Lot #: L2523390
 SKU #: **F113033**
 Version: **1**
 Analysis #: **615896**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorbance(E1%1cm)(H2O, 450.0 to 460.0 nm)	≥ 50	108.57140
λ max 2 (H2O)	450-460 (nm)	460.00000 nm
λ max 1 (H2O)	330-335 (nm)	335.00000 nm
Absorbance(E1%1cm)(H2O, 330.0 to 335.0 nm)	≥ 110	110.50000
Appearance (F113033)	Orange to Red to Brown Powder, Crystal, Crystalline Powder and/or Chunk	Orange to Red to Brown Powder, Crystal, Crystalline Powder and/or Chunk
ICP: Confirms Zinc Component	Confirmed	Confirmed
Solubility in H2O, Dark Red or Red-Brown Solution, 10mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Titration by AgNO3	Confirmed	Confirmed



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager