

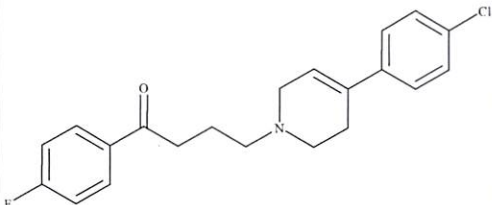
Certificate of Analysis

Certificate No.: 20250721503



Date: July 21, 2025

Retest date: July 17, 2028

Compound Name: Dehydrate Haloperidol	
Synonyms:	4-(4-(4-chlorophenyl)-3,6-dihydropyridin-1(2H)-yl)-1-(4-fluorophenyl) butan-1-one
TLC Catalogue Number:	H-0118
CAS Number:	52669-92-8
Alternate CAS Number:	N/A
Molecular Weight:	357.85
Molecular Formula:	C ₂₁ H ₂₁ ClFNO
Source:	TLC Pharmaceutical Standards
Source Lot No.:	2161-006A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol



Test Description	Specifications	Results
Visual Description	Off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.7%
Impurity (HPLC)	RT 10.70, 0.11%	
Water Content (KF)	N/A	1.7%
Residual Solvents (NMR)	0.8% methanol	
Assay (%)	Not less than 90.0%	97.2%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		07/21/2025
Approved by:	Quality Assurance		07/21/2025

Attachments: Peak Attribution Table, HPLC, IR, MS and NMR spectra.