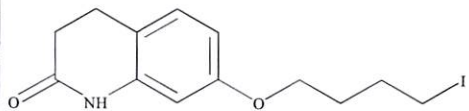


Certificate of Analysis


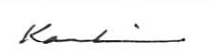
Certificate No.: 20260601005

Date: June 1, 2026

Retest date: May 27, 2029

Compound Name:	Aripiprazole Impurity 17	
Synonyms:	7-(4-iodobutoxy)-3,4-dihydroquinolin-2(1H)-one	
TLC Catalogue Number:	A-1437	
CAS Number:	952308-47-3	
Alternate CAS Number:	N/A	
Molecular Weight:	345.18	
Molecular Formula:	C ₁₃ H ₁₆ INO ₂	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7483-003A3	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, Acetonitrile	

Test Description	Specifications	Results
Visual Description	White to 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%	99.0%
Impurity (HPLC)	RT 4.66, 0.15%; RT 14.46, 0.75%	
Water Content (KF)	N/A	1.1%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	97.9%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/02/2026
Approved by:	Quality Assurance		06/02/2026

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