



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis (COA)

Issue Date: 28 FEB 2026 Quality

Release Date: 28 FEB 2026

### Product Information

Product Name Citalopram Hydrobromide

Product Number CIT-20260228

Batch Number CIT-SH2026022801

Brand SIGALD

CAS Number 59729-32-7

MDL Number MFCD00072015

Formula  $C_{20}H_{21}FN_2O \cdot HBr$

Formula Weight 405.30 g/mol

### Test Results

Test	Specification (Pharmacopoeial Standard)	Result	Unit	Test Method
Appearance (Form)	White to off-white crystalline powder	White crystalline powder	-	Visual Inspection
Identification	Conforms to standard	Conforms	-	IR Spectroscopy + HPLC
Assay (on dry basis)	$\geq 98.5\%$	99.1%	%	HPLC
Loss on Drying	$\leq 0.5\%$	0.22%	%	105°C, 2h Gravimetry
Residue on Ignition	$\leq 0.1\%$	0.03%	%	550°C Ignition Method
Heavy Metals (Pb)	$\leq 10$ ppm	1.5 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	$\leq 2$ ppm	0.4 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances	Each impurity $\leq 0.5\%$ ; Total $\leq 1.0\%$	Each $\leq 0.2\%$ ; Total $\leq 0.5\%$	%	HPLC
Melting Point	183-189°C	186.3°C	°C	Capillary Melting Point Method
Solubility	Soluble in water, ethanol	Conforms	-	Pharmacopoeial Solubility Test
Halide Content (Br)	19.5-20.5% (dry basis)	19.8%	%	Volumetric Titration
Optical Rotation	+12.0° to +14.0° (1% in water)	+13.1°	-	Polarimetry

### Certification

This batch of Citalopram Hydrobromide has been tested in accordance with EP 10.0, USP 45 and Chinese Pharmacopoeia (2020) standards. All test results meet the specified quality requirements, and the product is qualified for use as a pharmaceutical raw material.