



SWAPNROOP DRUGS & PHARMACEUTICALS

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CERTIFICATE OF ANALYSIS

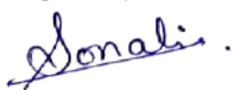
Product Name	TICAGRELOR IP	CAS No:	274693-27-5
Batch No.	2605001	Manufactured by	Swapnroop Drugs & Pharmaceuticals
Date of Mfg.	MAY-2026	Date of Analysis	20/05/2026
Batch Quantity	-	Retest Date	APR-2031

Sr No	Test	Acceptance Criteria	Results
1	Description	White or almost white to pale pink powder.	Almost white powder.
2	Solubility	Practically insoluble in water, freely soluble in methanol, soluble in anhydrous ethanol, practically insoluble in heptane.	Practically insoluble in water, freely soluble in methanol, soluble in anhydrous ethanol, practically insoluble in heptane.
3	Identification – By IR	The IR absorption spectrum of the sample must be concordant with the IR absorption spectrum obtained from Ticagrelor RS/WS.	The IR absorption spectrum of the sample is concordant with the IR absorption spectrum obtained from Ticagrelor WS.
4	Identification – By HPLC	In the Assay, the principal peak in the chromatogram obtained with the test solution corresponds to the principal peak in the chromatogram obtained with the reference solution	The principal peak in the chromatogram obtained with the test solution corresponds to the principal peak in the chromatogram obtained with the reference solution.
5	Impurity E	Not more than 8ppm	Not detected
6	Related substances (By HPLC) Ticagrelor impurity A	Not more than 0.2%	Not detected
7	Related substances (By HPLC) Ticagrelor impurity B	Not more than 0.2%	0.06%
8	Related substances (By HPLC) Ticagrelor impurity C	Not more than 0.1%	Not detected
9	Related substances (By HPLC) Ticagrelor impurity D	Not more than 0.3%	0.06%
10	Related substances (By HPLC) Unspecified impurity	Not more than 0.1%	Not detected
11	Related substances (By HPLC) Total impurities	Not more than 1.0%	0.12%
12	Water	Not more than 0.5%	0.32%
13	Sulphated ash	Not more than 0.6%	0.05%
14	Assay by HPLC (On anhydrous basis)	Not less than 97.5% and not more than 102.0%	99.06%
15	Residual Solvent By GCHS Methanol	Not more than 3000ppm	Not detected

Sr No	Test	Acceptance Criteria	Results
16	Residual Solvent By GCHS Acetonitrile	Not more than 410ppm	26ppm
17	Residual Solvent By GCHS Ethyl Acetate	Not more than 5000ppm	Not detected
18	Residual Solvent By GCHS n-Heptane	Not more than 5000ppm	5ppm

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

Prepared By  Sonali Nirmal Date: 23/05/2026	Checked by  Dadarao Kakde Date: 23/05/2026	Approved By  Nayna Nehete Date: 23/05/2026 
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