



SWAPNROOP DRUGS & PHARMACEUTICALS

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CERTIFICATE OF ANALYSIS

Product Name	Triamterene USP	CAS No:	396-01-0
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	Yellow, odorless, crystalline powder.	Yellow crystalline powder.
2	Solubility	Soluble in formic acid; sparingly soluble in methoxyethanol; very slightly soluble in acetic acid, in alcohol, and in dilute mineral acids; practically insoluble in water, in benzene, in chloroform, in ether, and in dilute alkali hydroxides.	Complies
3	Identification – By IR	Infrared absorption spectrum in KBr dispersion should be concordant with the spectrum of Triamterene WRS.	Complies
4	Identification – By chemical test	A solution in formic acid solution shows an intense, bluish fluorescence.	Complies
5	Loss on drying	NMT 1.0%	0.38%
6	Limit of 2,4,6-triamino-5-nitrosopyrimidine-By HPLC	NMT 0.1%	Not detected
7	Ordinary impurities by TLC	To comply as per USP	Complies
8	Residue on ignition	NMT 0.1%	0.04%
9	Dimethylformamide	NMT 880ppm	Not detected
10	Assay (% w/w on the dried basis)	NLT 98.0% and NMT 102.0%	99.57%

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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