



SWAPNROOP DRUGS & PHARMACEUTICALS

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CERTIFICATE OF ANALYSIS

Product Name	Allopurinol - USP	CAS No:	315-30-0
Batch No.	2605001	Manufactured by	-
Date of Mfg.	MAY-2026	Date of Analysis	20/05/2026
Batch Quantity	-	Retest Date	APR2031

Sr No	Test	Acceptance Criteria	Results
1	Description	Fluffy white to off-white powder, having only a slight odor	Fluffy off-white powder, having only a slight odor.
2	Solubility	Soluble in solution of potassium and sodium hydroxides; very slightly soluble in water and in alcohol, practically insoluble in chloroform and in ether.	Complies
3	Identification by IR spectrum	The IR spectrum of the sample should be concordant with the spectrum of Allopurinol reference standard / working standard.	Complies
4	Loss on drying	Not more than 0.5%	0.21%
5	Related substances (by HPLC) Allopurinol related compound A	Not more than 0.20%	Not detected
6	Related substances (by HPLC) Allopurinol related compound B	Not more than 0.20%	Not detected
7	Related substances (by HPLC) Allopurinol related compound C	Not more than 0.20%	Not detected
8	Related substances (by HPLC) Allopurinol related compound D	Not more than 0.20%	Not detected
9	Related substances (by HPLC) Allopurinol related compound E	Not more than 0.20%	Not detected
10	Related substances (by HPLC) Unspecified impurity	Not more than 0.10%	0.02%
11	Related substances (by HPLC) Total Impurities	Not more than 1.0%	0.17%
12	Limit of Hydrazine	Not more than 10ppm	Not detected
13	Assay by HPLC	NLT 98.0% and NMT 102.0% (on dried basis)	99.94%

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

Prepared By  Sonali Nirmal	Checked by  Dadarao Kakde	Approved By  Nayna Nehete	
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