

Item Number	A1577
Item	Allopurinol, USP
CAS Number	315-30-0
Molecular Formula	C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O
Molecular Weight	136.11
MDL Number	
Synonyms	4-Hydroxypyrazole[3,4-d]pyrimidine

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	102.0 %
LOSS ON DRYING		0.5 %
HYDRAZINE		10 ppm
ELEMENTAL IMPURITIES:		
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
NICKEL (Ni)	AS REPORTED	
ORGANIC IMPURITIES:		
ALLOPURINOL RELATED COMPOUND A		0.2 %
ALLOPURINOL RELATED COMPOUND B		0.2 %
ALLOPURINOL RELATED COMPOUND C		0.2 %
ALLOPURINOL RELATED COMPOUND D		0.2 %
ALLOPURINOL RELATED COMPOUND E		0.2 %
ETHYL-(E/Z)-3-(2-CARBETHOXY-2-CYANOETHENYL) AMINO-1H-PYRAZOLE-4-CARBOXYLATE		0.2 %
UNSPECIFIED IMPURITY		0.1 %
TOTAL IMPURITIES		1.0 %
IDENTIFICATION	MATCHES REFERENCE STANDARD	
APPEARANCE		
EXPIRATION DATE		
MANUFACTURE DATE		
RESIDUAL SOLVENTS	AS REPORTED	

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