

Item Number	A2721
Item	Allantoin, USP
CAS Number	97-59-6
Molecular Formula	C ₄ H ₆ N ₄ O ₃
Molecular Weight	158.12
MDL Number	
Synonyms	5-Ureidohydantoin ; (2,5-Dioxo-4-imidazolidinyl)urea

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY	98.5	101.0 %
ACIDITY OR ALKALINITY	A YELLOW COLOR IS OBSERVED SOLUTION TURNS RED	
LOSS ON DRYING		0.1 %
ORGANIC IMPURITIES		0.5 %
RESIDUE ON IGNITION (SULPHATED ASH)		0.1 %
REDUCING SUBSTANCES	THE SOLUTION REMAINS VIOLET FOR AT LEAST 10 MIN.	
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
COBALT (Co)	AS REPORTED	
VANADIUM (V)	AS REPORTED	
NICKEL (Ni)	AS REPORTED	
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	Rf VALUE CORRESPONDS STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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