

Item Number	MA128
Item	Magnesium Salicylate, Powder, USP
CAS Number	18917-95-8
Molecular Formula	C ₁₄ H ₁₀ MgO ₆ •4H ₂ O
Molecular Weight	370.59
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY	98.0	103.0%
MAGNESIUM CONTENT	6.3	6.7%
WATER DETERMINATION	17.5	21.0%
ELEMENTAL IMPURITIES	AS REPORTED	
ORGANIC IMPURITIES:		
SALICYLIC ACID RELATED COMPOUND A		0.1 %
PHENOL		0.02 %
SALICYLIC ACID RELATED COMPOUND B		0.05 %
ANY OTHER INDIVIDUAL IMPURITY		0.05 %
TOTAL IMPURITIES		0.2 %
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
IDENTIFICATION (C)	POSITIVE FOR MAGNESIUM	
APPEARANCE		
EXPIRATION DATE		
MANUFACTURE DATE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

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