

Item Number	SA105
Item	Saccharin, Powder, NF
CAS Number	81-07-2
Molecular Formula	C ₇ H ₅ NO ₃ S
Molecular Weight	183.19
MDL Number	
Synonyms	1,2-Benzisothiazolin-3-one 1,1-dioxide ; Benzoic Sulfimide

Test	Specification	
	Min	Max
ASSAY (C ₇ H ₅ NO ₃ S)	98.0	102.0 %
CLARITY OF SOLUTION	NO MORE OPALESCENCE THAN STANDARD	
COLOR OF SOLUTION	NO MORE COLOR THAN STANDARD	
MELTING RANGE	226°	230°C
LOSS ON DRYING		1.0 %
RESIDUE ON IGNITION		0.2 %
ELEMENTAL IMPURITIES	AS REPORTED	
READILY CARBONIZABLE SUBSTANCES	THE SAMPLE SOLUTION HAS NO MORE COLOR THAN MATCHING FLUID A, WHEN VIEWED AGAINST A WHITE BACKGROUND.	
TOLUENE SULFONAMIDES:		
o-TOLUENESULFONAMIDE		10 ppm
p-TOLUENESULFONAMIDE		10 ppm
LIMIT OF BENZOATE AND SALICYLATE	NO PRECIPITATE OR VIOLET COLOR APPEARS IN THE LIQUID.	
IDENTIFICATION	SPECTRUM MATCHES REFERENCE	
EXPIRATION DATE		
MANUFACTURE DATE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

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