

Item Number	C4036
Item	Caffeine, Anhydrous, USP
CAS Number	58-08-2
Molecular Formula	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight	194.19
MDL Number	
Synonyms	1,3,7-Trimethylxanthine

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	98.5	101.0 %
WATER DETERMINATION		0.5 %
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES:		
INDIVIDUAL IMPURITY		0.1 %
TOTAL IMPURITIES		0.1 %
ELEMENTAL IMPURITIES:		
ARSENIC (As)	AS REPORTED	
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
CERTIFIED HALAL		
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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