

Item Number	CA250
Item	Carbamazepine, USP
CAS Number	298-46-4
Molecular Formula	C ₁₅ H ₁₂ N ₂ O
Molecular Weight	236.27
MDL Number	
Synonyms	5H-Dibenz(b,f)azepine-5-carboxamide

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0%	102.0%
X-RAY DIFFRACTION	CONFORMS	
ACIDITY		1.0 ml/g
ALKALINITY		1.0 ml/g
LOSS ON DRYING		0.5%
RESIDUE ON IGNITION		0.1%
CHLORIDE (Cl)		0.014%
ELEMENTAL IMPURITIES:		
NICKEL (Ni)	AS REPORTED	
CHROMIUM (Cr)	AS REPORTED	
MOLYBDENUM (Mo)	AS REPORTED	
ORGANIC IMPURITIES:		
RELATED COMPOUND A		0.2 %
RELATED COMPOUND B		0.2 %
UNSPECIFIED IMPURITY		0.2 %
TOTAL IMPURITIES		0.5 %
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

<i>Corporate Headquarters:</i>	<i>West Coast Facility:</i>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000