

Item Number	C1401
Item	Carbidopa, USP
CAS Number	38821-49-7
Molecular Formula	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> •H <sub>2</sub> O
Molecular Weight	244.24
MDL Number	
Synonyms	(+)-2-(3,4-Dihydroxybenzyl)-2-hydrazinopropionic Acid, Monohydrate

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
ASSAY	98.0	102.0 %
SPECIFIC ROTATION [a] <sub>D</sub>	-21.0 to -23.5°	
LOSS ON DRYING	6.9	7.9 %
RESIDUE ON IGNITION		0.1 %
ELEMENTAL IMPURITIES		AS REPORTED
METHYLDOPA		0.5 %
CARBIDOPA RELATED COMPOUND A		0.5 %
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS		AS REPORTED

***Spectrum Chemical Mfg Corp***

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