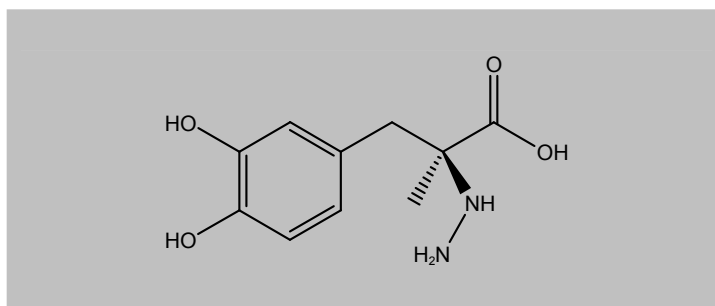


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 13/09/2013
COA Revision Date: 13/09/2016

Product: Carbidopa
Cat. No.: BG0127
Batch No.: 0127BG/02
Chemical Name: S-(-)- α -Hydrazino-3,4-dihydroxy-2-methylbenzene-propanoic acid; S-(-)-Carbidopa

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₀H₁₄N₂O₄
Batch Molecular Weight: 226.23
CAS No.: [28860-95-9]
Physical Appearance: White or almost white powder
Melting Point: 203 - 205° C
Solubility: Soluble to 10 mM in ethanol
Storage: RT
Batch Molecular Structure:



Product Description: Peripheral inhibitor of L-Aromatic Amino Acid Decarboxylase, used in combination with Levodopa for the treatment of Parkinsonism.

References: 1. Kopfhammer et al. (1985) Pharmacopsychiatry 18:143; 2. Cheng et al. (1992) FASEB J 6:A1589

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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BG0127 Carbidopa

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Specific rotation: -22.7° (complies); Residue on ignition: 0.03% (complies);
Heavy Metals: < 10 ppm (complies); HPLC Assay: 99.9 (complies). Conforms
to USP28.

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