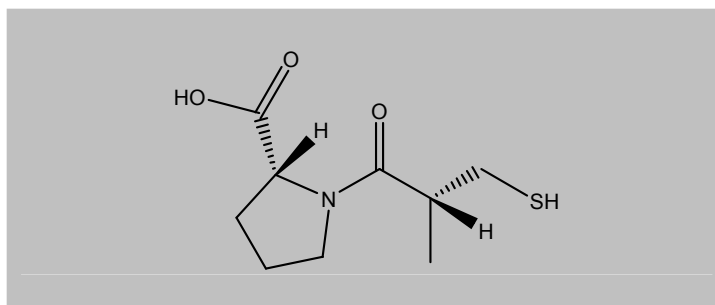


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 13/09/2013
COA Revision Date: 13/09/2016

Product: Captopril
Cat. No.: BG0126
Batch No.: 0126BG/01
Chemical Name: *N*-[(*S*)-3-Mercapto-2-methylpropionyl]-L-proline

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₉H₁₅NO₃S
Batch Molecular Weight: 217.29
CAS No.: [62571-86-2]
Physical Appearance: White to off-white crystalline powder
Melting Point: 108 - 108.5° C
Solubility: Soluble in water
Storage: RT
Batch Molecular Structure:



Product Description: **ACE inhibitor. Inhibits the formation of Angiotensin II, a bioactive peptide that stimulates angiogenesis and increases microvessel density. Antihypertensive agent.**

References: 1. Greene and Amaral (2002) Hypertens Rep 4:56; 2. Hollenberg (2001) Am J Hypertens 14:237S

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

Certificate Of Analysis

Quality Control Testing and Research Application

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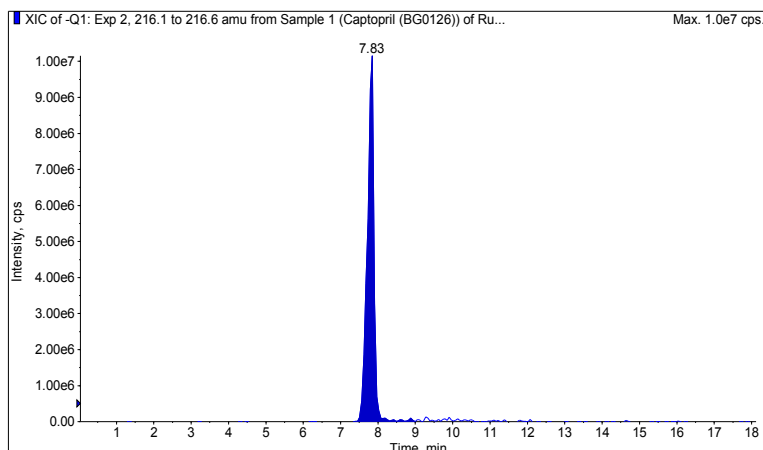
BG0126 Captopril

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Specific Rotation: -132° (complies); Residue on ignition: 0.03% (complies);
Heavy Metals: < 30 ppm (complies); HPLC Assay: 99.4% (complies)



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