

Pharmaceutical Tablet

DIGESTION OF A PHARMACEUTICAL TABLET USING COLDBLOCK™ DIGESTION TECHNOLOGY

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Introduction

This application note will focus on the digestion of a Pharmaceutical Tablet (Angiotensin II receptor blocker medication) using ColdBlock™ Digestion CB12L Technology.

Method

A whole pharmaceutical tablet was digested using the following method:

- A whole pharmaceutical tablet was weighed and placed into a ColdBlock™ Digestion vessel.
- 15ml of H₂SO₄ was added.
- Sample was digested at 100% power for 10min.
- Chiller was set to -5°C.

- At the end of the first step 5ml of HNO₃ was added.
- Sample was digested at 100% power for a further 5min.
- Sample was allowed to cool.
- Sample was normalized to 50ml using 2% HNO₃.

Instrument

ColdBlock™ Digestion CB12L Technology.

General

This procedure is specific for the sample digested and may need modification for different samples to achieve the desired result.