Certificate of Analysis

Product Name	Harpagoside / 哈巴俄苷	OH OH
Catalog Number	11019	HO H ₃ C
Lot Number	110191	но он

Chemical NameHarpagosideChemical Formula $C_{24}H_{30}O_{11}$ Chemical FamilyTerpenoidsMolecular Weight494.49CAS Number19210-12-9Appearance (Color)White

Analytical Test

Appearance (Form)

Test	Result	
Identity by LC/MS Analysis	Consistent with structure	
Purity by HPLC/DAD Analysis	≥98.0%	

Crystal

Storage Conditions:

Storage: Refer to label

Before use: Keep container tightly closed

TLCM certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated criteria. Warranty does not apply after opening.

Date of Certificate: 04/03/2013

Room 6145, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong

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TLCM

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Tel: 2358-7338

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Testing Laboratory

for Chinese Medicine **TLCM**

Product Analysis Report

Analytical Test

Test	Results	
Identity by LC/MS Analysis	Consistent with structure	
Purity by HPLC/DAD Analysis	≥98.0%	

Spectral and Physical Data

HPLC

HPLC system : Agilent 1100 series

Column : Grace Alltima C18 column, 4.6 mm \times 250 mm, 5- μ m

Injection volume : 10 μL

Detector : Diode array detector

Detector wavelength : 280 nm Flow rate : 1.0 mL/min

Mobile phase

Time (min)	% MeOH	% 0.1% (v/v) H ₃ PO ₄	Flow rate (mL/min)
0→10	40	60	1.0
10→40	40→70	60→30	1.0

Fax: 2358-2551

Date File Name : C:\CHEM\1\DATA\USTSTD\UST00043.D

Operator : Kiki

Sample Lot Number : 110191

Method File : C:CHEM\1\METHODS\C0504.M

Acquired : 14/12/2012

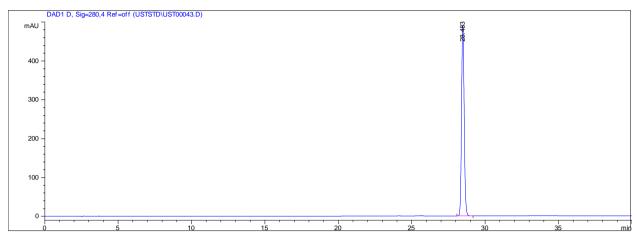
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I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Harpagoside	28.483	6123.3	100.0

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