

International Calibration Standards

for HPLC Analysis of Isomerized & Reduced Isomerized α -Acids

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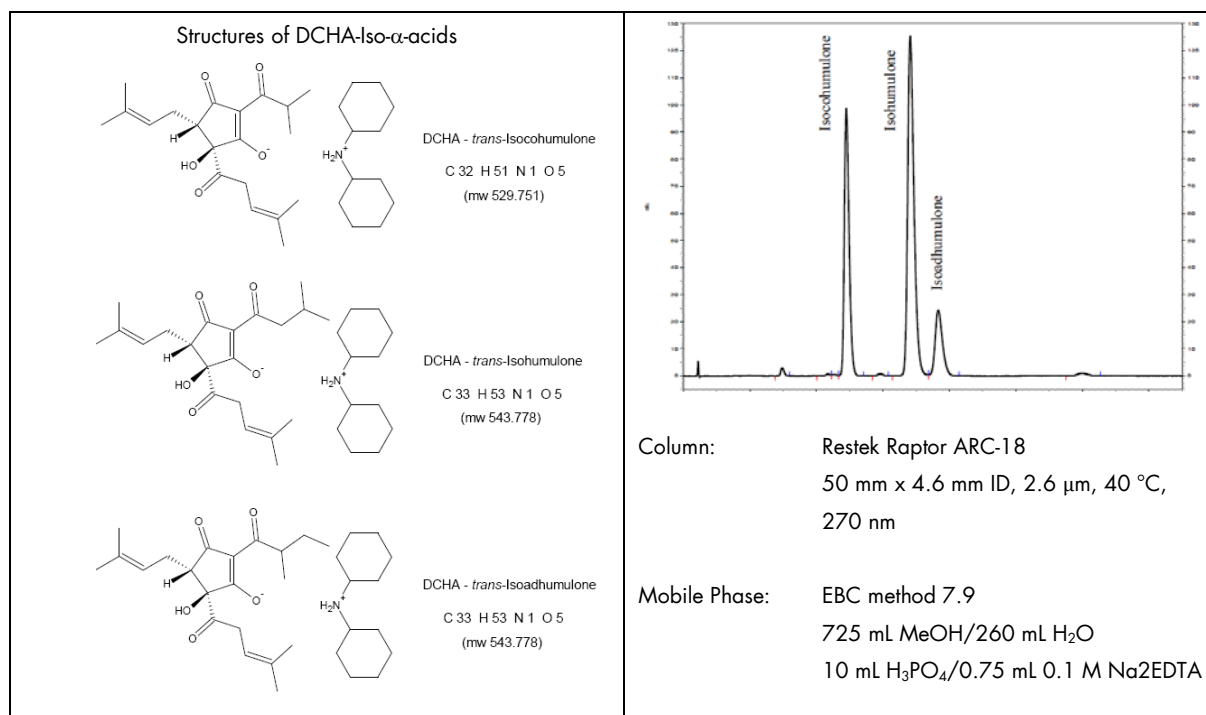
DCHA-Iso, ICS-I4

A purified, semi-crystalline preparation of trans-iso- α -acids in dicyclohexylamine («DCHA») salt form. Derived from CO₂ extracted and isomerized α -acids of hops.

Total Iso- α -acids: 65.2 %(w/w)

The above figure was determined by the International Subcommittee for Isomerized Hop α -Acids Standards and takes into account **only** the major forms of the iso- α -acids that are present:

- trans-isocohumulone
- trans-isohumulone
- trans-isoadhumulone



Storage: -20 °C, gas-tight under CO₂ or N₂

Country of origin/produced: USA

Not for human consumption. Intended use is for industrial and analytical purposes.

Rev. 02/Nov 2018

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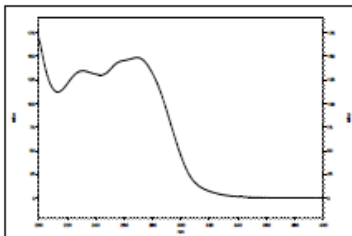
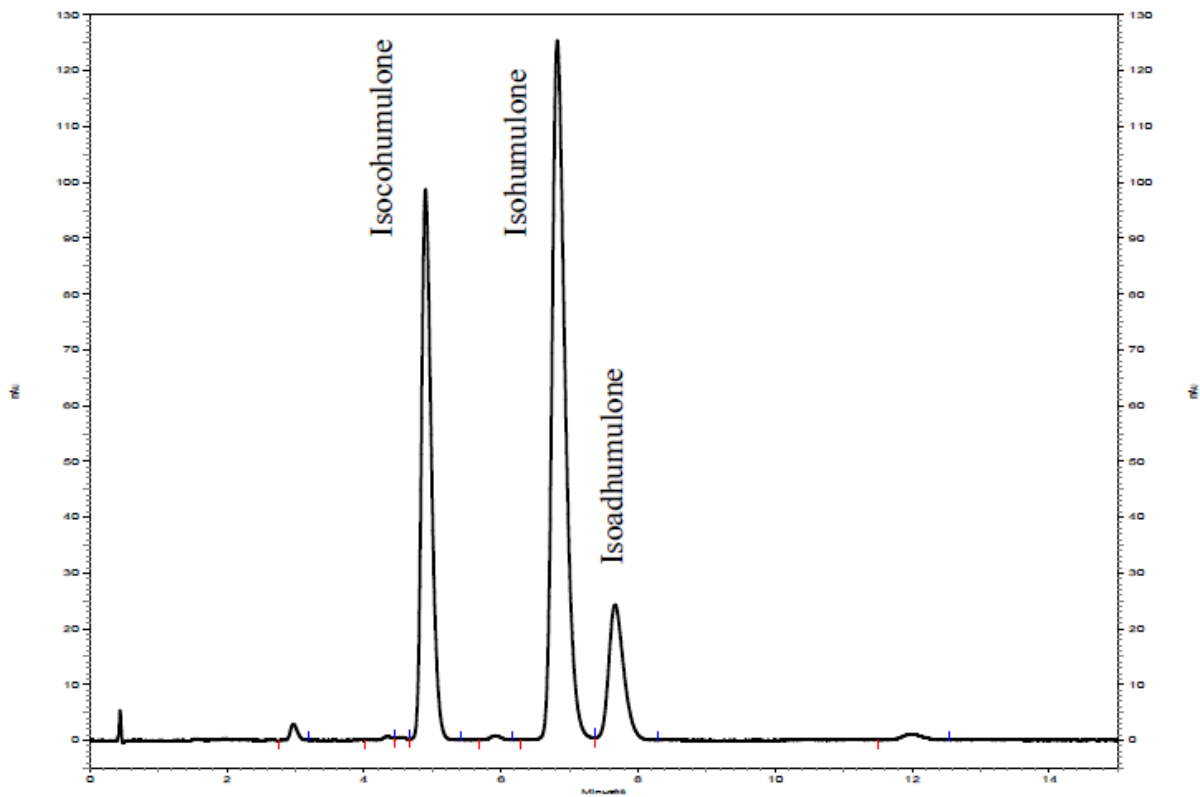
DCHA-ISO ICS-I4

International Hop Standards Committee

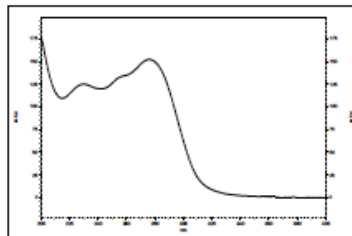
Data acquired by: Jeremy Leker 6/22/2017

Column: Restek Raptor ARC-18 at 270nm 50mm x 4.6mm x 2.6um at 40C

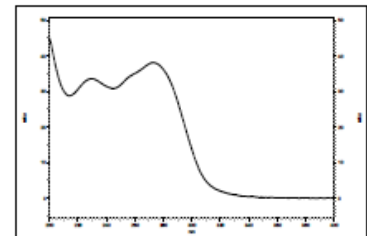
Mobile Phase: 725mL MeOH/ 260mL H2O/ 10mL H3PO4/ 0.75mL 0.1M Na2EDTA



Isocohumulone



Isohumulone



Isoadhumulone

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DCHA-ISO ICS-14

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Column: Restek Raptor ARC-18 at 270nm 50mm x 4.6mm x 2.6um at 40C

Mobile Phase: 725mL MeOH/ 260mL H₂O/ 10mL H₃PO₄/ 0.75mL 0.1M Na₂EDTA

