



LKT Laboratories, Inc.

Buckthorn Standards Kit

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Product Information

Product ID AS105

CAS No.

Chemical Name

Synonym

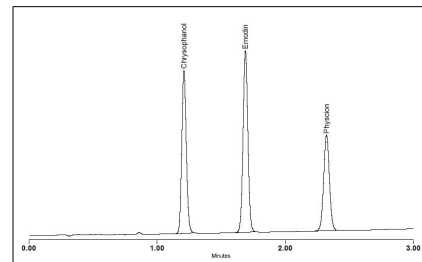
Formula

Formula Wt.

Melting Point

Purity

Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
AS105	1 kit	\$1520.70

Store Temp -20°C

Ship Temp Ambient

Description **Buckthorn Standards Kit Contents:**

- Column: Cosmosil 2.5µ Cholesterol, 2.0 x 50 mm
- 1 mg Chrysophanol
- 1 mg Emodin
- 1 mg Physcion
- Standards sample prep instructions
- UHPLC separation conditions
- Chromatogram of the separation
- Certificate of Analysis for each standard

References Meier N, Meier B, Peter S, et al. In-silicio UHPLC method optimization for aglycones in the herbal laxatives Aloe barbadensis mill., Cassia angustifolia vahl pods, Rhamnus frangula L. bark, Rhamnus purshianis DC. bark, and Rheum palmatum L. roots. Molecules. 2017 Oct 27;22(11):1838. PMID: 29076992.

Goncalves RS, Silva EL, Hioka N, et al. An optimized protocol for anthraquinones isolation from Rhamnus frangula L. Nat Prod Res. 2018 Feb;32(3):366-369. PMID: 28745519.

Kosalec I, Kremer D, Locatelli M, et al. Anthraquinone profile, antioxidant and antimicrobial activity of bark extracts of Rhamnus alaternus, R. fallax, R. intermedia and R. pumila. Food Chem. 2013 Jan 15;136(2):335-341. PMID: 23122067.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.