



LKT Laboratories, Inc.

Kudzu Flavonoid Standards Kit

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Product Information

Product ID AS108

CAS No.

Chemical Name

Synonym

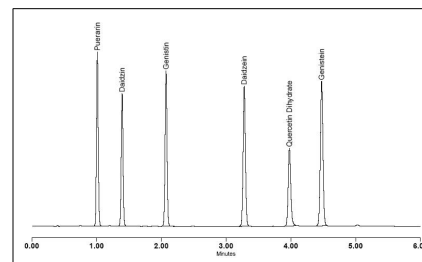
Formula

Formula Wt.

Melting Point

Purity

Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
AS108	1 kit	\$1933.70

Store Temp -20°C

Ship Temp Ambient

Description **Kudzu Flavonoid Standards Kit Contents:**

-Column: Cosmosil 2.5μ Cholesterol, 2.0 x 50 mm

-1 mg Daidzein

-1 mg Daidzin

-1 mg Genistein

-1 mg Genistin

-1 mg Puerarin

-1 mg Quercetin Dihydrate

-Standards sample prep instructions

-UHPLC separation conditions

-Chromatogram of the separation

-Certificate of Analysis for each standard

References Gao D, Kim JH, Kim CT, et al. Evaluation of anti-melanogenesis activity of enriched Pueraria lobata stem extracts and characterization of its phytochemical components using HPLC-PDA-ESI-MS/MS. *Int J Mol Med.* 2021 Jul 28;22(15):8105. PMID: 34360871.

Qu L, Song K, Zhang Q, et al. Simultaneous determination of six isoflavones from Pueraria lobatae radix by CPE-HPLC and effect of puerarin on tyrosinase activity. *Molecules.* 2020 Jan 15;25(2):344. PMID: 31952126.

Xiao B, Dong J, Yan M, et al. Development of a liquid chromatography-tandem mass spectrometry method for simultaneous determination of five isoflavonoids and seven neurochemicals in rat brain dialysate and its application to a pharmacological study. *J Sep Sci.* 2018 Jun;41(11):2331-2330. PMID: 29485229.

Mocan A, Carradori S, Locatelli M, et al. Bioactive isoflavones from Pueraria lobata root and starch: different extraction techniques and carbonic anhydrase inhibition. *Food Chem Toxicol.* 2018 Feb;112:441-447. PMID: 28807875.

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