



U.S. Pharmacopeia
The Standard of QualitySM

USP Certificate

Powdered Echinacea Pallida Extract LOT F0I285

Molecular Formula

n/f

Molecular Weight

n/f

No Structure Available

CAS Number

97281-15-7

LABEL TEXT



Lot No.: F0I285

USP REFERENCE STANDARD

POWDERED ECHINACEA PALLIDA EXTRACT 1 g



Danger! May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Do not dry. Keep container tightly closed. Protect from light and moisture. Store in a refrigerator. This material is hygroscopic.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666

CAT No. 1231717 Material mfd in Germany

Intentionally over-labeled for GHS compliance

For use with specified USP compendial tests. Not for use as a drug. See SDS prior to use at www.usp.org/sds.

Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace. In case of inadequate ventilation wear respiratory protection. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. Dispose of contents/container in accordance with local/regional/national/international regulations.

USP certifies that the USP Reference Standards Committee, in accordance with their rules and procedures, determined that this USP Reference Standard lot is suitable to assess compliance with the monograph standards for which it is specified. The critical characteristics of this lot are usually determined independently in three or more laboratories, including USP, government, academic, and industrial collaborators.

Jeri L. Joth

QA Director



TYPICAL CHROMATOGRAM

USP POWDERED ECHINACEA PALLIDA EXTRACT RS

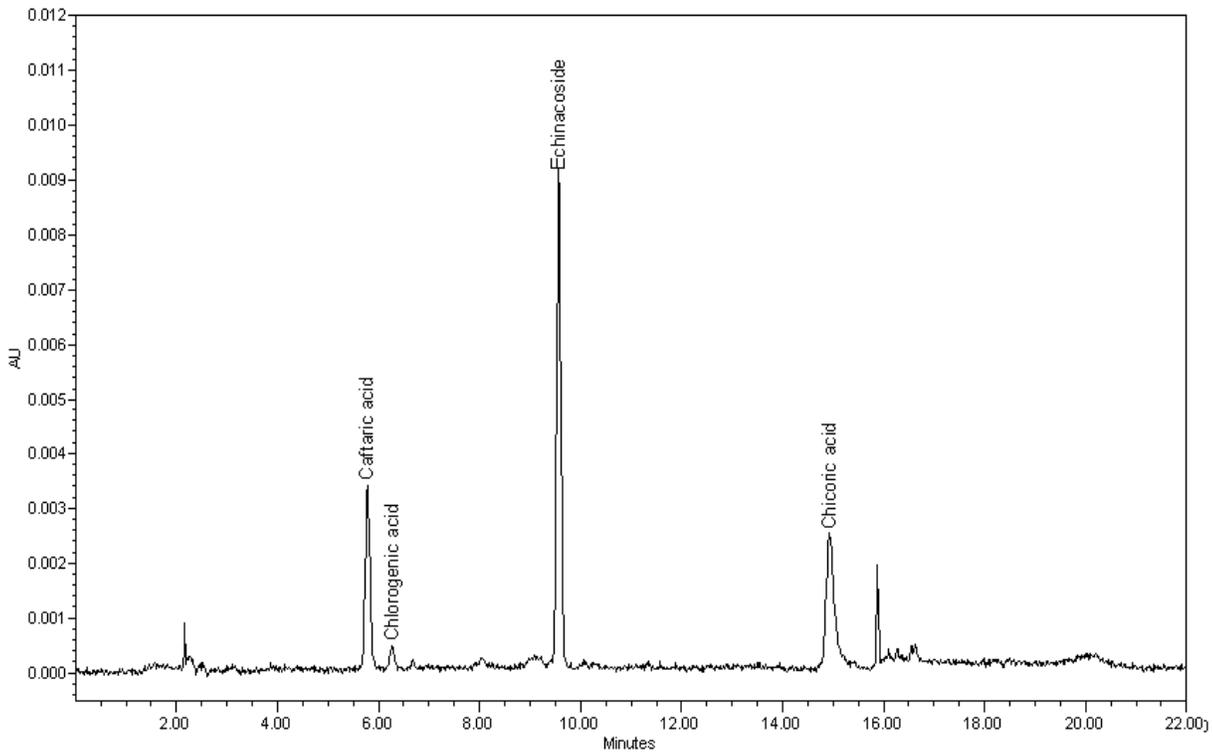
Cat. No. 1231717, Lot F01285

USP monograph:

Powdered *Echinacea pallida* Extract (USP 32/NF27)

Test: Content of Total Phenols

Solution: Standard Solution 1



This chromatogram is supplied for information only to assist in identifying peaks and does not constitute any legal requirement.

Calculation Value

Unless otherwise stated on the Reference Standard label, a value of 100.0% should be used in USP or NF compendial applications for which the use of this Reference Standard is intended. Please refer to the specific Reference Standard label for further information.

Expiration

Current lots are identified in the Official USP Reference Standards catalog. In some cases, the previous lot may still be considered official. If so, it is identified in the column marked "Previous Lot/Valid Use Date." Ordinarily, the previous lot is carried in official status for about one year after the current lot enters distribution.

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Instructions for Use

Follow the instructions in the appropriate USP or NF Monographs and General Requirements for Tests and Assays of the current *USP-NF*. In the event that instructions on the label of this lot differ from those found in the current *USP-NF*, those on the label supersede any instructions listed in Chapter <11>.

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The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

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