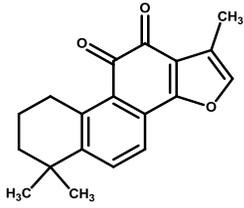




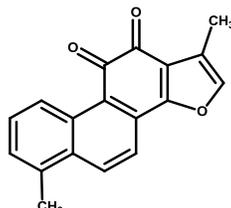
U.S. Pharmacopeia  
The Standard of Quality<sup>SM</sup>

# USP Certificate

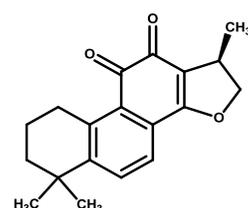
## Powdered Chinese Salvia Extract LOT F0L508



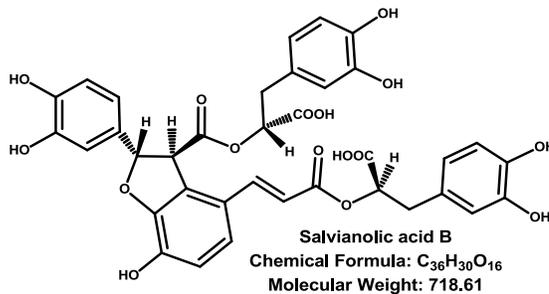
Tanshinone II<sub>A</sub>  
Chemical Formula: C<sub>19</sub>H<sub>18</sub>O<sub>3</sub>  
Molecular Weight: 294.34



Tanshinone I  
Chemical Formula: C<sub>18</sub>H<sub>12</sub>O<sub>3</sub>  
Molecular Weight: 276.29



Cryptotanshinone  
Chemical Formula: C<sub>19</sub>H<sub>20</sub>O<sub>3</sub>  
Molecular Weight: 296.36



Salvianolic acid B  
Chemical Formula: C<sub>36</sub>H<sub>30</sub>O<sub>16</sub>  
Molecular Weight: 718.61

### LABEL TEXT



**POWDERED CHINESE SALVIA EXTRACT 1 g**

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

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT. NO. 1105417 Material mfd. in China

For use with specified USP compendial tests.  
Not for use as a drug. MSDS available on  
www.usp.org.

LOT: F0L508

*Aliis Lia*

Quality Assurance



# TYPICAL CHROMATOGRAM

## USP Powdered Chinese Salvia Extract RS

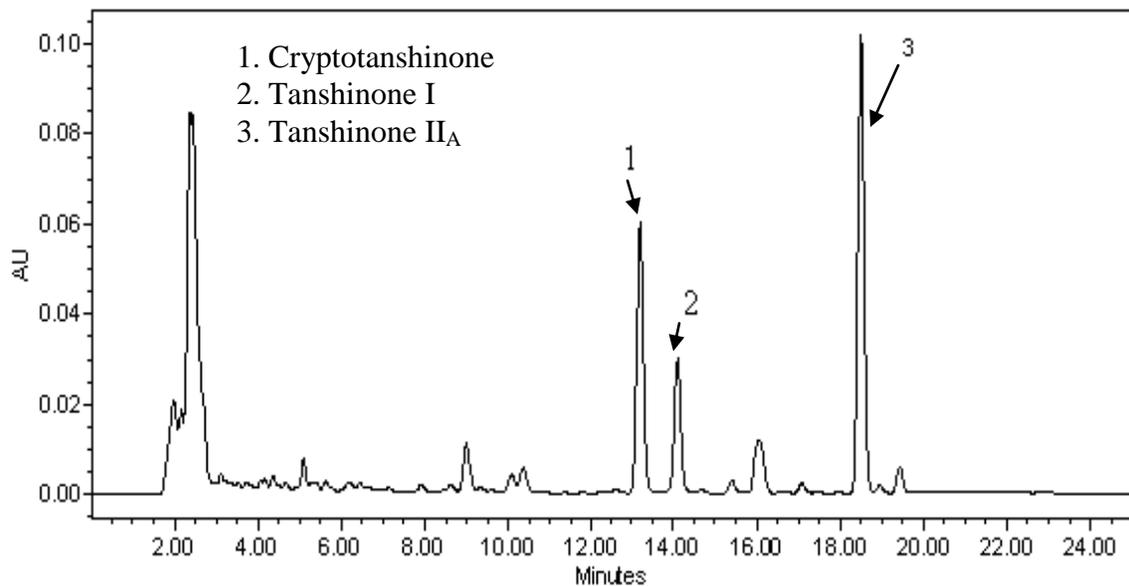
Lot F0L508 (Cat. 1105417)

**USP Monograph:** Chinese Salvia

**Test:** Content of Tanshinones

**Solution:** *Standard solution B*

**Publication:** *PF 38 (4)*



This chromatogram is supplied for information only, unless otherwise specified in an applicable monograph or general chapter.

### **Calculation Value**

Unless otherwise stated on the Reference Standard label, a value of 100.0% should be used in the 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 current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

### **Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

### **Non-Monograph Use**

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

---

## **LEGAL NOTICE**

USP WARRANTS GOOD TITLE TO USP REFERENCE STANDARDS ON DISPATCH FROM USP. THE FOREGOING WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY THAT THE PRODUCTS, INCLUDING THIS CERTIFICATE, ARE OF MERCHANTABILITY QUALITY. USP'S LIABILITY ARISING OUT OF OR RELATING TO THE SUPPLY OF USP REFERENCE STANDARDS AND THIS CERTIFICATE SHALL IN NO EVENT INCLUDE LOSS OF PROFITS, COST OF PROCURING SUBSTITUTE GOODS OR SERVICES, OR ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES OF ANY KIND, EVEN IF USP IS AWARE OF THE POSSIBILITY OF SUCH DAMAGES. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, USP DOES NOT WARRANT THAT THE USE OR RESALE OF USP REFERENCE STANDARDS, INCLUDING THEIR USE TO PERFORM TESTS AND ASSAYS PUBLISHED BY USP, WILL NOT INFRINGE UNITED STATES OR ANY OTHER PATENTS.

USP Reference Standards are not intended for use as drugs, dietary supplements, or as medical devices.

This certificate may not be reproduced without the express written permission of USP.

Copyright 2012 The United States Pharmacopeial Convention. All rights reserved.