PRODUCT INFORMATION

Ashwagandha Analyte Mixture

Item No. 46825

Supplied as: A solution in 9:1 methanol:DMSO
Fill Volume: >1 ml
Storage: -20°C
Stability: ≥3 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

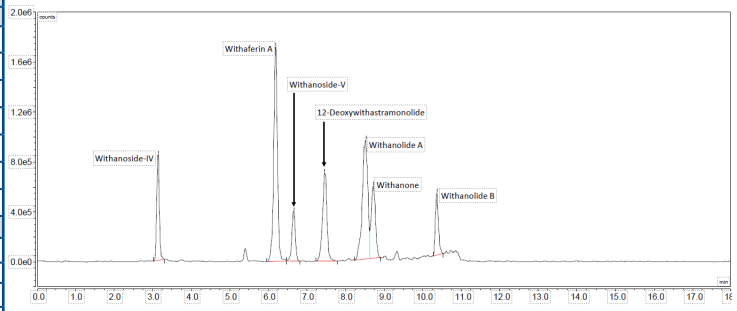
Description and Data

Ashwagandha Analyte Mixture (Item No. 46825) is an analytical reference standard mixture containing ashwagandha dietary ingredients that can be used for positive identification of analytes typically detected in ashwagandha preparations. The mixture contains withaferin A, withanolide A and -B, withanoside-IV and -V, 12-deoxywithastramonolide, and withanone. The mixture is supplied in an amber ampule in which the headspace has been purged with argon. It is designed for use in method development and as a reference standard for these substances during routine analytical checks using HPLC-UV and LC-MS instrumentation. This product is intended for research and forensic applications.

This mixture contains seven ashwagandha dietary ingredients. Included are:

Item No.46825	Ashwagandha Analyte Mixture	
Item Name	**CAS Number**	**Concentration (µg/ml)**
Withaferin A	5119-48-2	250
Withanolide A	32911-62-9	250
Withanoside-IV	362472-81-9	250
Withanolide B	56973-41-2	50
Withanoside-V	256520-90-8	50
12-Deoxywithastramonolide	60124-17-6	50
Withanone	27570-38-3	50

Item Number: 46825		Ashwagandha Analyte Mixture	
Item Number	**Item Name**	**RT (min)**	**Concentration (µg/ml)**
11805	Withaferin A	3.13	250
11352	Withanolide A	6.18	250
11806	Withanoside-IV	6.65	250
11669	Withanolide B	7.46	50
11797	Withanoside-V	8.50	50
11804	12-Deoxywithastramonolide	8.74	50
11798	Withanone	10.36	50
Conditions:			
Column: Poroshell 120 EC-C18 2.7u 4.6 x 100 mm		Flow Rate: 1.2 ml/min	
Full scan			
Mobile Phase A: 0.1% Formic Acid in Water			
Mobile Phase B: 0.1% Formic Acid in Acetonitrile			
Gradient: 0-3 min 25-35%B; 3-8 min 35-40%B; 8-10 min 40-90%B, 10-12 min 90%B, 12.1-18 min 25%B			



WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM