YK-11 Ingredient Identification, Purity, and Concentration. / R41331

Prepared for:

Olympus Labs UK

www.olympuslabs.uk

April 26, 2024

Janoshik Analytical

Verify Results

Web: www.janoshik.com
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Client & Sample Information

Client: Olympus Labs UK

www.olympuslabs.uk

Study: **YK-11 Ingredient Identification, Purity, and Concentration**

Task Number: #R41331

Batch Number: OL2288

Verification Key: JX8TZKHU93IY - Verify

Summary

Raw Material: YK-11 | **Molecular Formula:** $C_{25}H_{34}O_6$

Molecular Weight: 430.54 g/mol | **CAS No.:** 431579-34-9

Purity:

The raw material of YK-11 powder was tested by HPLC-MS for purity. Based on the HPLC chromatographic purity measurement, YK-11 was calculated to be >**99.99%** pure using the area normalization method.

Concentration:

A bottle labeled "YK-11" with the batch number “OL2288” was received on *23 April 2024. The powder inside the capsule was assayed for the concentrations of the intended active ingredient using HPLC-DAD. The total concentration of YK-11 found was* ***10.23 mg***.

Identification:

A bottle labeled "YK-11" with the batch number “OL2288” was received on *23 April 2024.* Analysis was conducted on the contents of the capsule by extraction of the active compound using GC-MS under a blind screening method developed to detect common anabolic steroids and aromatase inhibitors by Janoshik. **YK-11 was positively identified.**

Raw Material Purity Test Results

Purity (Area normalization method)	>99.99%
Molecular Weight (HPLC-MS)	The M.W. of the product is correct via mass spectrometry analysis.

Web: www.janoshik.com
E-mail: info@janoshik.com

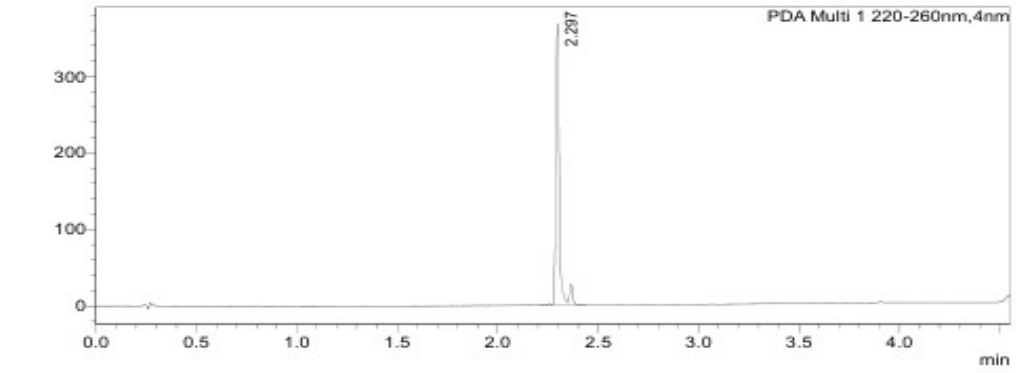
Finished Product Identification & Concentration Test Results:

SHIMADZU LabSolutions **Analysis Report**

<Sample Information>

Sample Name	: 1774-2 SARMs 80529-14 YK-11		
Method Filename	: Raws - blind common anabolic steroid and aromatase inhibitors screening.lcm		
Vial #	: 1-51	Sample Type	: Unknown
Injection Volume	: 0.5 uL		
Date Acquired	: 26/04/2024 13:32:24	Acquired by	: Janoshik s.r.o.
Date Processed	: 26/04/2024 13:36:59	Processed by	: Janoshik s.r.o.

<Chromatogram>



<Peak Table>

PDA Ch1 220-260nm

Peak#	Ret. Time	Conc.	Unit	Name
1	2.297	10.233	mg	YK-11
Total		10.233		

Results & Discussion

TEST REPORT

JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #41331

Testing ordered > 11 APR '24
Sample received > 23 APR '24

Client support@olympuslabs.uk
Sample YK-11
Manufacturer Unknown
Batch OL2288

Sample description >

Pictures not included.

Tests requested >

Qualitative and quantitative analysis of non-AAS sample.

Results >

YK-11	10.23 mg

Comments >

Analysis conducted > 26 APR 2024

Signature >

Verify this test at www.janoshik.com/verify/ with the following unique key

JX8TZKHU93IY

Bottle labeled YK-11 with batch number OL2288 was positively identified for YK-11 with a concentration of 10.23mg per capsule with an assay of >99.99% purity.

JANOSHIK