

Deutsche Sporthochschule Köln - 50933 Köln

doTERRA Europe Ltd Altius House, North Fourth Street, Milton Keynes Bucks MK9 1DG Great Britain Institut für Biochemie Institute of Biochemistry Akkreditierung nach ISO/IEC 17025:2005 (D-PL-13340-01-00) on behalf of: Zentrum für Präventive Dopingforschung Center for Preventive Doping Research

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# Analytical Report AR201802737

## Sample N2018040454

Client:	doTERRA Europe Ltd		
Sample Collection:	performed by customer		
Product name:	doTERRA - deep BLUE RUB		
Date of receipt:	20-Арг-2018		
Charge:	172211	BBE:	2020/08
Form of presentation:	Creme	Quantity:	2 x 120 ml
Brief description:	White creme in blue tube with blue and white imprint and transparent cap		

## Analysis methods

Analysis for anabolic androgenic steroids (SOP NM0105):

Date of analysis: 30-Apr-2018

Aliquots of the sample were analysed by gas-chromatography/mass-spectrometry for the following substances (reporting level 10 ng/g):

19-Nor-4-androstene- $3\beta$ , 17 $\beta$ -diol, 19-Nor-5-androstene- $3\beta$ , 17 $\beta$ -diol, 19-Nor-4-androstene-3, 17-dione, 19-Nortestosterone, 4-Androstene- $3\beta$ , 17 $\beta$ -diol, 5 Androstene- $3\beta$ , 17 $\beta$ -diol, 4-Androstene-3, 17-dione, Dehydroepiandrosterone (DHEA), Testosterone, 5 $\alpha$ -Androstan- $3\beta$ , 17 $\beta$ -diol, Androstadien-3, 17-dione

## Analysis for stimulants (SOP NM0205):

Date of analysis: 30-Apr-2018

Aliquots of the sample were analysed by liquid-chromatography/mass-spectrometry for the following substances (reporting level 100 ng/g):

Amphetamine, Metamphetamine, Dimetamphetamine, Methylenedioxoamphetamine, Methylephedrine, Methylpseudoephedrine, Ephedrine, Pseudoephedrine, Norephedrine, Norpseudoephedrine, Strychnine, Methylenedioxometamphetamine, Methylenedioxoethylamphetamine, Benzphetamine, Fenfluramine

## Result

None of the listed anabolic androgenic steroids was detected.

None of the listed stimulants was detected.

Cologne, 08.05.2018

UHanch

Dr. Ute Mareck (Senior Chemist)

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