ANDARINE - FLUTAMIDE

The World Anti-Doping Agency wishes to draw the attention of the Laboratories to the following remarks and instructions on the analysis and reporting of andarine metabolite O-dephenylandarine.

Scientific information and technical developments indicate that O-dephenylandarine, a Metabolite of the SARM andarine, may also be present in a Sample as a Metabolite of the anti-androgen flutamide. Since flutamide is not a Prohibited Substance in sports, it is essential for Laboratories to be in a position to accurately identify the original source of O-dephenylandarine.

Therefore, we strongly recommend that your Laboratory reviews in the shortest delay the case recently reported by L. Perrenoud et al. entitled “Risk of false positive results to SARM S-4 in case of 1 therapeutic use of 2 antineoplastic/antiandrogen drug containing flutamide: a case study” in Drug Testing and Analysis (available online at http://onlinelibrary.wiley.com/doi/10.1002/dta.2051/full) in order to implement the requisite methodology to correctly interpret the origin of O-dephenylandarine and appropriately report the Adverse Analytical Findings coming from andarine and not from flutamide.

Should you have any further questions, please do not hesitate to contact the WADA Science Department.