

Methandienone Long-Term Metabolite

September 6, 2025 • vajiramandravi.com



Methandienone Long-Term Metabolite Latest News

India has successfully developed a rare and high-purity Reference Material (RM) – Methandienone Long-Term Metabolite (LTM) for enhanced Anti-Doping Testing in sports.

About Methandienone Long-Term Metabolite

- It is one of the **Reference Material (RM)** developed by the **National Institute of Pharmaceutical Education and Research (NIPER)** in collaboration with the **National Dope Testing Laboratory (NDTL)**.
 - RM is the most **highly purified and scientifically characterized forms** of drug substances or their metabolites, essential for accurate analytical testing.
 - They are crucial for the **detection of over 450 substances** that are currently prohibited by the **World Anti-Doping Agency (WADA)**.

Significance of Methandienone Long-Term Metabolite

- These metabolites help in **identifying athletes who have used Methandienone**

- It will increase **improved detection capabilities** and serve as a deterrent for athletes considering the use of anabolic steroids like Methandienone.
- The new reference material will help in **enforcing transparency and integrity** in **sports** by protecting clean athletes and acting as deterrents for use of prohibited substances.

Key Facts about National Dope Testing Laboratory

- It is a premier **analytical testing & research organization** established under Government of India.
- It is the only laboratory in the country **responsible for human sports dope testing**.
- It is accredited by National Accreditation Board for Testing & Calibration Laboratories, NABL and **World Anti-Doping Agency** (WADA).

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/methandienone-long-term-metabolite/>

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