

Pre-calibrated miraculix QTest Photometer version 1.0

For use with IO RODEO Colorimeter with the 595nm Wavelength board to evaluate the miraculix MDMA-QTest, LSD-QTest, or Psilocybin-QTest color reactions.

Allow the LEDs to warm up for 5-10 minutes and then carry out the blank measurement, as the LEDs need to equilibrate. Remember that you need an unused detection solution as a blank. Blank best directly before the measurement with a minimum of 800µl in a semi-micro cuvette. Be sure to always wear protective gear, when handling QTest reagents (nitrile gloves, glasses, lab coat, etc.) and read and strictly follow the instructions and warnings from the respective QTest.

After the execution of the QTest procedure, carefully pipette at least 800 µl of the colored detection solution into a semi-micro cuvette (always remember that the reagents contain acids and/or solvents). Always compare the measurement result with the value determined using the color chart and make sure that it is a realistic value to rule out errors.

After measuring, pipette the reagents back into the glass vials because the reagents can attack the plastic material of the cuvettes and cause them to leak.

There are two protocols for the LSD-QTest, which give you the values for LSD-Tartrate in a WHOLE Blotter or ONE Drop of a liquid sample, depending on which protocol you choose. MDMA Values are given for the HCl salt in mg/g for Pills (keep in mind: you have to calculate the result for the whole pill based on the weight of your pill see QTest instruction) or for MDMA Powders. Use 50mg substance for Pills and 30mg for Powders.

The methods and underlying data or calibration curves can be found openly with further useful information at our website <https://www.miraculix-lab.de/en/faq-photometer>.

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