

# Trace Identification of Nitazenes

With ongoing focus on the opioid crisis, synthetic opioids such as fentanyl have garnered much attention in the public eye. One emerging class of synthetic opioids, known as nitazenes, are increasing in appearance in the illicit drug market. Nitazenes can be 25 times more toxic than fentanyl and are often found in low concentrations mixed with substances or disguised as prescription pills.

While many bulk chemical detectors may have various nitazenes in their library, they are unlikely to identify these synthetic opioids in the field due to the low concentrations. The capability to identify these powerful synthetic opioids at trace levels (invisible to the eye/nanogram level) is more important than ever before to further investigations while keeping officers safe.

## MX908 Advantages

- Excellent target coverage of nitazenes and other synthetic opioids
- Trace capability (invisible/nanogram level) enables identification in cutting agents (low concentrations)
- Immunity to benign cutting agents such as lactose
- Identification of mixed street drugs such as heroin, cocaine, meth, fentanyl, and nitazenes
- Sampling of exterior packaging limits exposure risk to officers
- No sample preparation, results in less than 60 seconds
- Reachback services for data analysis by 908 Devices Forensic Chemists



**“This tool (MX908) not only enhances the safety for our deputies but also significantly decreases the time between seizing a substance and confirming its identity. Our ability to act swiftly means a safer community and more efficient use of our resources.”** -COUNTY SHERIFF AND MX908 CUSTOMER