

NBOMe Hallucinogens

Test **2932**
NBOMe Hallucinogens, Urine

Synonyms 25I-NBOMe, 2C-I-NBOMe, 25i
25H-NBOMe, 2C-H-NBOMe
25C-NBOMe, 2C-C-NBOMe, 25C
SMILES, N-Bomb, the Bomb

Specimen Requirements

Specimen Aliquot of random or spot urine collection

Volume 10 mL

Handling Ambient temperature is acceptable for shipping and/or short-term storage (up to 3 days), specimen may also be refrigerated or frozen.

Assay Parameters

Methodology Ultra High Performance Liquid Chromatography with Quadrupole Linear ion Trap Tandem Mass Spectrometry (UPLC-MS/MS)

MEDTOX Laboratories is excited to announce the release of a urine based test designed to detect use and abuse of the hallucinogenic drugs 25i-NBOMe, 25C-NBOMe, and 25H-NBOMe.

These compounds are structurally related to phenylethylamine hallucinogens such as 2C-I, but are generally more potent agonists of serotonin 2A receptors.¹

MEDTOX Laboratories Test 2932 detects and quantified the presence of 25I-NBOMe, 25C-NBOMe, and 25H-NBOMe in urine.

The assay utilizes Ultra High Performance Liquid Chromatography (**UPLC**) coupled with quadrupole linear ion trap tandem mass spectrometry (**MS/MS**) to identify parent drugs and metabolites in urine samples.

Any targeted compound identified in a sample will be confirmed using a subsequent test at an additional charge.

References:

1. Braden MR, Parrish J, Naylor JC, Nichols DE. Molecular Interaction of Serotonin 5-HT_{2A} Receptor Residues Phe339 and Phe340 with Superpotent N-Benzyl Phenethylamine Agonists. *Molecular Pharmacology*. 2006;70(6): 1956-1964.