



HOECHST DATA BASE *BIOMEDICAL LITERATURE*
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ABSTRACT

PHENCYCLIDINE, 1 (1 PHENCYCLOHEXYL) PIPERIDINE, KNOWN AS PCP AMONG
DRUG ABUSERS, WAS FIRST RECOMMENDED FOR CLINICAL TRIALS IN 1957.
ABUSE OF THIS DRUG WAS REPORTED AS EARLY AS 1967. HOWEVER, IT WAS
NOT UNTIL 1970 THAT PCP WAS IDENTIFIED IN NUMEROUS STREET SAMPLES
SELLING AS MESCALINE, TETRAHYDROCANNABINOL (THC), PSILOCYBIN, AND
LSD. ITS CURRENT WIDESPREAD USE AMONG STREET DRUG USERS MAY LEAD TO
OVERDOSE INTOXICATIONS AND DEATH. INGESTION OF 10 MG OR LESS OF PCP
MAY PRODUCE HALLUCINATION, AND A DOSE OF 100 MG OR LESS OF PCP MAY
PRODUCE HALLUCINATION, AND A DOSE OF 100 MG HAD RESULTED IN COMA FOR
MORE THAN 24 HR. IN SOME INSTANCES PCP INTOXICATIONS MAY GO
UNDETECTED BECAUSE OF LACK OF APPROPRIATE METHOD OF ANALYSIS IN BODY
FLUIDS. IT IS THEREFORE OF INTEREST THAT A SIMPLE, RAPID, AND
ACCURATE METHOD OF ANALYSIS FOR PCP IN URINE AND STREET SAMPLES BE
AVAILABLE.

KEYWORDS

CHROMATOGRAPHY, DRUG, DRUG_DEPENDENCE, PHENCYCLIDINE, URINE,
DRUG_ANALYSIS, DRUG_DETERMINATION, DRUG_ABUSE.
CHEMICAL_DRUG_ANALYSIS, METHODS_AND_MEASUREMENTS,
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ILLCIT STREET DRUG SAMPLE.