



L48 - PP-ALPHA DIAGNOSTICS
AKSHAY CENTRE 1050,
SHUKRWARPETH TI LAK ROAD
PUNE PUNE,
PUNE

Amil Lal
(Hony) Brig. Dr. Arvind Lal
M.B.B.S., D.C.P.
Padma Shri
FMR HONORARY PHYSICIAN TO THE PRESIDENT OF INDIA

Vandana Lal
Dr. Vandana Lal
M.D (PATH), IFCAP
Chief of Pathology
SHIROMANI AWARD WINNER

Name : Mr. VINAYAK BANKAR

Lab No. : 224216085

A/c Status : P

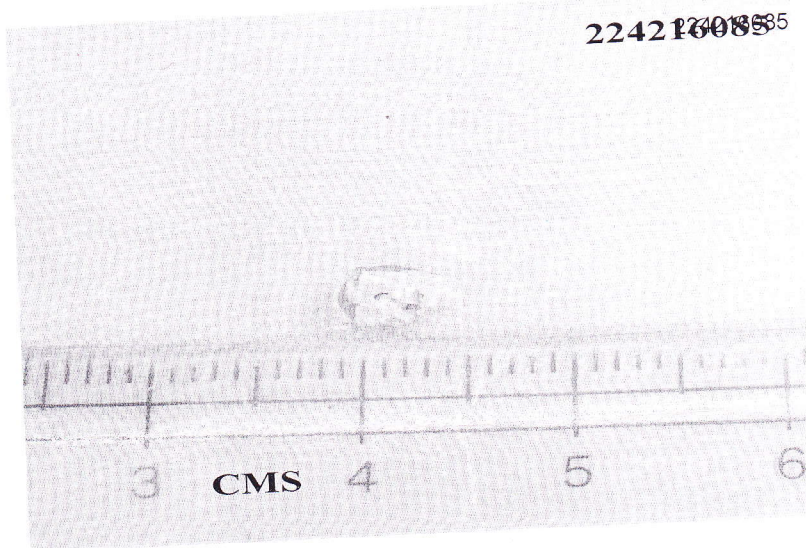
Age: 36 Years

Gender: Male

Ref By : SELF

Collected : 2/3/2016 6:43:00PM
Received : 2/3/2016 6:42:12PM
Reported : 4/3/2016 5:59:43PM
Report Status : Final

STONE ANALYSIS BY FTIR @



Sample : Kidney Stone

Weight : 0.017gm

Composition : Calcium Oxalate Monohydrate 90% Calcium Oxalate Dihydrate 10%

(Representative stone analysed)

Comments

Fourier Transform Infrared Spectroscopy (FTIR) is a technique to determine the composition of a stone with respect to the nature and percentage of compounds present in the stone. FTIR has an advantage over other conventional methods of analysis as the recognition of stone components is more precise and accurate. This technique recognizes small fractions of multiple components as percentages, present in a stone whereas conventional methods recognizes only commonly occurring stone components.

STONE TYPE	PERCENT OF ALL STONES
------------	-----------------------

If test results are alarming or unexpected, Client is advised to contact the laboratory immediately for possible reanalysis.

@ Tests conducted at National Reference Lab, New Delhi, a CAP (7171001), ISO (FS 60411) and NABL (M-0061) accredited laboratory.