

**Client**  
**Gurugram**  
Pathkind Diagnostics Pvt. Ltd.  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

**Processed By**  
**Pathkind Diagnostics Pvt. Ltd.**  
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

<b>Name</b>	: Mr. BC271	<b>Billing Date</b>	: 07/07/2023 12:11:28
<b>Age</b>	: 35 Yrs	<b>Sample Collected on</b>	: 10/07/2023 10:01:31
<b>Sex</b>	: Male	<b>Sample Received on</b>	: 10/07/2023 11:02:13
<b>P. ID No.</b>	: P1000100012384	<b>Report Released on</b>	: 20/07/2023 17:24:08
<b>Accession No</b>	: 10002304440	<b>Barcode No.</b>	: 10002304440-01
<b>Referring Doctor</b>	: Self		
<b>Referred By</b>	:	<b>Ref no.</b>	:

**Report Status - Final**

Test Name	Result	Biological Ref. Interval	Unit
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**CLINICAL PATHOLOGY**

**# Gall Bladder Stone Analysis**

Sample: Stones  
Method: FTIR

**Stone Analysis Gall bladder calculus**

<b>METHOD</b>	FTIR - Fourier Transform Infrared Spectrometry
<b>SAMPLE TYPE</b>	Gall Bladder Stone
<b>SIZE</b>	Multiple stone (10 mm x 10 mm)
<b>WEIGHT</b>	0.590 gms
<b>RESULT (STONE COMPOSITION)</b>	Cholesterol 100%

Medical Remarks :Bilirubin present : done by biochemical method.

**Interpretation**

**Gall Stones:**

The composition of gallstones is affected by age, diet. High fibre, low fat diet, adequate vitamin intake are general recommendations to prevent gallstones. On the basis of their composition, gallstones can be divided into the following types:

- Cholesterol stones- comprised at least 80% cholesterol by weight
- Pigment stones- comprise bilirubin and calcium salts that are found in bile & contain less than 20% of cholesterol by weight
- Mixed stones - Mixed gallstones typically contain 20-80% cholesterol by weight & other constituents like calcium carbonate, palmitate, phosphate, bilirubin, and other bile pigments.

\*\* End of Report\*\*

  
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DNB (Pathology)  
Senior Consultant

10002304440 Mr. BC271

