Chemical constituents of Black pepper(Piper nigrum L)

* Piperine (2-9%)
* Oleoresin (4.4 – 12%)
* Essential Oil (0.4 – 7%)
  + Limonene
  + Beta pinene
  + Beta caryophyilene
  + Alpha Pinene
  + Caryophyllene oxide
  + Terpinen 4 ol
* Starch (50%)
* Fatty acids (1.9 – 9%)

References –

Milenković, A.N. and Stanojević, L.P., 2021. Black pepper: Chemical composition and biological activities. *Advanced Technologies*, *10*(2), pp.40-50.