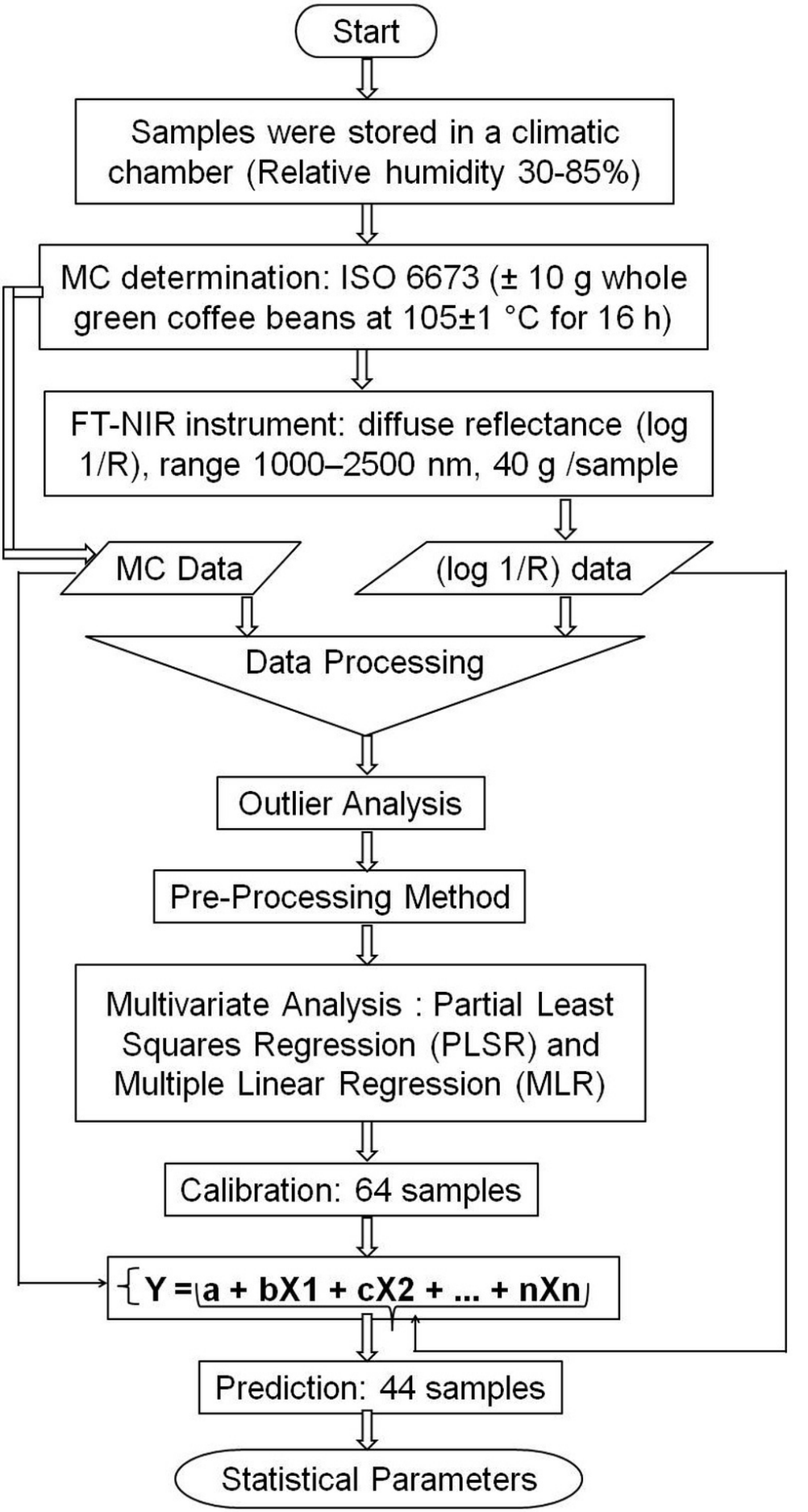
Start
Samples were stored in a climatic chamber (Relative humidity 30-85%)
MC determination: ISO 6673 (± 10 g whole green coffee beans at 105±1 °C for 16 h)
FT-NIR instrument: diffuse reflectance (log 1/R), range 1000–2500 nm, 40 g /sample
MC Data
(log 1/R) data
Data Processing
Outlier Analysis
Pre-Processing Method
Multivariate Analysis : Partial Least Squares Regression (PLSR) and Multiple Linear Regression (MLR)
Calibration: 64 samples
Y = a + bX1 + cX2 + ... + nXn
Prediction: 44 samples
Statistical Parameters