

# SPECIFICATIONS FOR RAW MATERIALS

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## FELDSPAR POWDER

1. General : This Specification governs the requirements of Feldspar powder.
2. Application : To serve as one of the constituents in the manufacture of porcelain body mass.
3. Particle Size : Powder
  1. Residue over 1000  $\mu$ m sieve shall be less than 1.5 %.
  2. Below 150  $\mu$ m sieve shall be between 10% to 25%
4. Freedom from Defects : Shall be free from foreign materials.

Free Iron in powder shall not exceed 0.01%.
5. Chemical Composition :
  - a)  $\text{SiO}_2$  ....  $66.5 \pm 2.0$  %
  - b)  $\text{Al}_2\text{O}_3$  ....  $18.5 \pm 1.0$  %
  - c)  $\text{Fe}_2\text{O}_3$  .... Less than 0.5 %
  - d)  $\text{K}_2\text{O}$  ....  $11.0 \pm 1.0$  %
  - e)  $\text{Na}_2\text{O}$  ....  $2.5 \pm 0.5$  %
  - f) L.O.I..... Less than 0.7 %

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