

**Summary:** A sample of 12% Quartz and 88% Corundum was mixed together after having been sieved to <150um. The combined sample was analyzed using the default conditions of TERRA. From this the two phases were identified and a whole pattern relative intensity ratio (RIR) analysis was performed. As shown below, the reported analysis 87.6% Corundum and 12.4% Quartz agree well with the actual concentration.

