

Summary of IS 2791: 2022 (SOLUBLE COFFEE POWDER - SPECIFICATION (FOURTH REVISION OF IS 2791))

IS 2791: 2022 defines the quality standards for soluble coffee powder (instant coffee), including **decaffeinated varieties**. Soluble coffee powder is derived from **pure, roasted coffee beans, extracted with water, and dehydrated into a fine or agglomerated powder**. The standard specifies requirements for both **regular and freeze-dried coffee forms**.

High-quality instant coffee has a rich **flavour, aroma, uniform granule size, and complete solubility in water, free from additives, impurities, and foreign matter**. Quality parameters also include **proper packaging, a controlled caffeine level, and compliance with environmental and safety regulations**.

To meet these expectations, IS 2791: 2022 establishes **strict guidelines on product purity and flavor**. The standard limits **moisture content, caffeine levels, and total ash content**, ensuring a consistent coffee quality. It also prescribes a cup test for evaluating taste and solubility, aiming for smooth mixing in hot and cold water. For environmental quality, the ECO-Mark certification ensures that products meet pollution control requirements and use recyclable or biodegradable packaging. Additionally, the standard enforces proper hygiene in production and handling, as per **IS 2491**, to prevent contamination and maintain coffee freshness.

In packaging, IS 2791: 2022 mandates airtight, non-toxic containers and provides labeling instructions for consumer safety and traceability. Through these measures, IS 2791: 2022 assures consumers of a high-quality, safe, and environmentally friendly soluble coffee product.