

Indian Standard
**SPECIFICATION FOR
SOLUBLE STARCH PHOSPHATE
(EDIBLE GRADE)**

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 23 June 1983, after the draft finalized by the Edible Starches and Starch Products Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 Soluble starch phosphate, a modified starch, is manufactured in the country on commercial scale. It is used in the food industry as a thickener, filler, binder, stabilizer and flavour carrier. It is valued in various food products due to its thickening, rheological and moisture retention properties. It gives a clear non-congealing paste, with marked reduction in the tendency of the cold paste to set back on standing and absence of syneresis on long storage.

0.2.1 The inherent physico-chemical properties enables its-use in different food industries especially bakeries, concretioneries, and in the manufacture of jellies, ice creams, beverage emulsions, flavouring agents and most other foods and edible products and also pharmaceuticals.

0.3 In the preparation of this standard due consideration has been given to *Prevention of Food Adulteration Act, 1954* and the rules framed thereunder, and the *Standards of Weights and Measures (Packaged Commodities) Rules, 1977*. However, this standard is subject to the restriction imposed under these wherever applicable.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for soluble starch phosphate (edible grade).