

MAIZE STARCH POWDER

Sl. No	Parameters	Standards	Results
1	Description	<p>A Very fine white or slight yellowish powder or irregular white masses which are readily reducible to powder ,creaks when pressed between the fingers, odorless &amp; tasteless.</p> <p>The presence of granule showing cracks or edge irregularities is exceptional in starches other than wheat starch: wheat starch may contain granules with cracks on the edges.</p>	Complies
2	Solubility	Practically insoluble in cold water	Complies
3	Identification A	<p>A. Corn or maize starch –polyhedral granules 2 to 23 <math>\mu\text{m}</math> in size, or rounded granules, 25 to 32 <math>\mu\text{m}</math> in diameter. The central hilum consists of a distinct cavity or two to five rayed cleft; no concentric striations, viewed between crossed nicol prisms, a distinct black cross is seen intersecting at the hilum.</p>	Complies