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| Pregelatinized Corn Starch USP Specification | Effective Date: 1402/09/01 |  گروه صنعتی پژوهشی فرهیختگان زرنام (سهامی عام) FARHIKHTEGAN ZARNAM RESEARCH & INDUSTRIAL GROUP | 092222009/01 |
| | Page 1 of 1 | | |
| Farhikhtegan Zarnam Research & Industrial Group | | | |

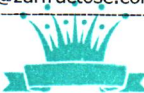
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|---------------------------------|--|--------------------------------------|
| Test Method: USP 45/NF40 | Packaging type: Primary Packaging: Four Layer Kraft paper, Inner Layer laminated with food grade Polyethylene. Secondary Packaging: Polyethylene Bag | Product Packaging Size: 25 kg |
| Shelf life: 2 Years | | HS Code: 350510 |

| | Test | Method | Acceptance Criteria |
|------------------------|---|---------------|--|
| Physical | Description | USP Monograph | Moderately coarse to fine, white to off-white powder. Is odorless and has a slight, characteristic taste |
| | Solubility | USP Monograph | Slightly soluble to soluble in cold water; insoluble in alcohol |
| Chemical | Identification | USP Monograph | A water slurry of it is colored orange-red to deep blue by iodine TS. |
| | Residue on Ignition (%) | USP Monograph | NMT 0.5 |
| | Limit of iron (ppm) | USP Monograph | NMT 20 |
| | Limit of SO ₂ (ppm) | USP Monograph | NMT 80 |
| | pH | USP Monograph | 4.5 - 7.0 |
| | Loss on drying (%) | USP Monograph | NMT 14.0 |
| Microbiological | Limit Of Oxidizing Substances (ppm) | USP Monograph | No distinct blue, brown, or purple color is observed. |
| | Total Aerobic Microbial Count (cfu/g) | USP Monograph | 10 ³ |
| | Total Combined Yeasts/Molds Count (cfu/g) | USP Monograph | 10 ² |
| | Escherichia coli (cfu/g) | USP Monograph | Absence |
| | Salmonella Species (cfu/10g) | USP Monograph | Absence |

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| QC manager: Sign/Result Date: |  گروه صنعتی پژوهشی فرهیختگان زرنام شماره گواهینامه تأیید صلاحیت: ۳۰۴۰۷ | Authorized person: Sign/Release Date: |
| | |  گروه صنعتی پژوهشی فرهیختگان زرنام زهرایبیوان مسئول فنی: ۳۰۴۰۷ |

Storage: Preserve in tightly closed container. Keep in dry place at ambient temperature away from direct sun and freezing.

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|---|---------------------------------|-----------------------------------|
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QA Valid
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 1402, 09, 01


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