

## Sales Specification

**Kelcoloid® K3B426 NF - Propylene Glycol Alginate**

**Specification No. 293-I**

### DESCRIPTION

Kelcoloid K3B426 is a medium viscosity propylene glycol alginate meeting National Formulary requirements.

### DETAILED REQUIREMENTS

1. Viscosity (2% Solution), KTM019	1000 - 1500 mPa.s (cP)
2. pH (2% Solution), KTM005	3.4 - 4.0
3. Loss on Drying, KTM003	5.0 - 15.0%
4. Particle Size, KTM004	At least 98% through 60 mesh (250 microns) At least 91% through 80 mesh (180 microns)
5. Powder Color, KTM006	Not less than 64
6. Lead, KTM550	Not more than 5 mg/kg (ppm)
7. Arsenic, KTM550	Not more than 3 mg/kg (ppm)
8. Total Heavy Metals, KTM550	Not more than 20 mg/kg (ppm)
9. Microbiological Limits	
Bacteria, KTM800	Not more than 200 cfu/g
(Total viable mesophilic aerobic count)	
Yeast, KTM803	Not more than 100 cfu/g
Mold, KTM803	Not more than 100 cfu/g
Coliform, KTM801	Negative by MPN
E. coli, KTM802	Absent in 25 g
Salmonella, KTM804	Absent in 25 g
Staphylococcus aureus, KTM806	Absent in 1.0 g
Pseudomonas aeruginosa, KTM807	Absent in 1.0 g
10. Ash, KTM501	Not more than 10%
11. Esterified carboxyl groups, KTM506	40 - 85%
12. Free carboxyl groups, KTM506	Not more than 35%
13. Assay, % CO <sub>2</sub> , KTM503	16 - 20%
14. Identification (A&B), KTM517	Pass
(Per methods of testing as indicated)	

### INGREDIENTS

Kelcoloid K3B426: NF Grade KELCOLOID LVF, Propylene glycol alginate, NF (Propane-1, 2-Diol Alginate E405)  
CAS: 9005-37-2

### REGULATORY COMPLIANCE

*National Formulary*  
21 CFR 172.858 (USA); Item P.12 of Table IV (Canada); E405 (EU)  
Complies with Purity Criteria in current EC Directive  
Kosher approved

**QUALITY SYSTEM**

Kelcoloid K3B426 is manufactured according to a Quality System registered to ISO 9001:2000.

**PACKAGING**

Kelcoloid K3B426 is packaged in 25 kg Leverpak drums (or their equivalent) with polyethylene liners. All packaging materials comply with relevant UK, EU, and United States food contact legislation.

**STORAGE**

Drums should be kept closed and stored in a cool, dry place.