



Eastman Gelatine Standard Quality Testing Metrics

A **Kodak** Company

- Gel Strength/bloom
 - varies w/customer request
- Viscosity
 - dependent upon the above
- pH
 - 5.65 - 5.85
- Absorbance(color) at 420 nm
 - < 0.258
- Absorbance(haze) at 650 nm
 - < 0.15
- Moisture
 - 10.5 - 11.5
- Viscosity loss
 - < 5%
- Repellency
 - < 3 mm < 25 spots/ft²
 - > 3 mm 0
- Chlorides
 - < 400 ug/g
- Nitrites
 - < 3 ug/g
- Formate
 - < 10 ug/g
- Methionine
 - 57 - 62 umoles/g
- Peroxide
 - 0
- Phthalate CPA
 - photographic gel only
- Aluminum
 - < 1 ppm
- Cadmium
 - < 0.05 ppm
- Calcium
 - < 20 ppm
- Chromium
 - < 0.1 ppm
- Copper
 - < 0.05 ppm
- Iron
 - < 3 ppm
- Lead
 - < 0.2 ppm
- Magnesium
 - < 3 ppm
- Manganese
 - < 0.1 ppm
- Nickel
 - < 0.1 ppm
- Potassium
 - < 6 ppm
- Sodium
 - < 4000 ppm
- Tin
 - < 0.1 ppm
- Zinc
 - < 0.25 ppm
- Molecular Weight
 - < 40 area %
- Conductivity
 - < 800
- Ash
 - < 2%(dependent upon test method)
- Microbial contamination
 - Absent
- Coliforms
 - Absent
- Staphylococcus aureus
 - Absent
- Salmonella
 - Absent

