



TECHNICAL DATA SHEET(TDS)
Sodium Hyaluronate, Granular, Cosmetic Grade
Product Specifications (CAS# 9067-32-7)

| Test | Specification | Typical Results |
|--------------------------------------|---------------------------------------|--------------------------|
| Appearance | White or almost white powder or grain | White powder |
| ID: Infrared Absorption | Complied with the reference spectrum | Complies |
| ID: Reaction of Sodium | Positive | Positive |
| Glucuronic Acid Content, % | ≥44 | 46.6 |
| Sodium Hyaluronate Content, % | ≥91 | 96.3 |
| Intrinsic Viscosity, dl/g | Measured Value | 19.5 |
| Average Molecular Weight, Da | Measured Value | 1.17 x 10 ⁶ |
| Transparency, % | ≥99 | 99.8 |
| Moisture Content, % | ≤10 | 6.6 |
| Bulk Density, g/cm ³ | Measured Value | 0.340 |
| pH (0.1g/100mL Water Solution, 25°C) | 6.0 - 8.0 | 6.5 |
| Heavy Metal (Pb), mg/kg | ≤10 | <10 |
| Ash Content, % | ≤13 | 8.5 |
| Bacteria Count, CFU/g | ≤100 | Conforms to the standard |
| Mold and Yeast, CFU/g | ≤50 | Conforms to the standard |
| Staphylococcus aureus, 25g | Negative | Negative |
| Salmonella, 25g | Negative | Negative |
| Coliform group, CFU/g | Negative | Negative |
| Viable Hemolytical Streptococci, 25g | Negative | Negative |

Appropriate/legal use of this product is the responsibility of the user.

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