

山东葆力嘉生物科技有限公司
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Hyaluronic Acid

CERTIFICATE OF ANALYSIS

Source: Fermented

Batch No. : BLJ151020

MFG Date: Oct. 20, 2015

EXP Date: Oct. 19, 2017

| Test Items | In House Standard | Result |
|------------------------|-------------------------------|----------------------|
| Appearance | White powder | White powder |
| Sodium hyaluronate | ≥95% | 95.28% |
| Glucuronic acid | ≥44% | 46.1% |
| Molecular weight | (0.8-1.5) X 10 ⁶ | 1.0X 10 ⁶ |
| PH | 6.0-7.5 | 6.9 |
| Solution transmittance | 99.0% | 99.9% |
| Loss on drying | <10% | 9.1% |
| Protein | ≤0.1% | 0.07% |
| Heavy metal | <20ppm | Complies |
| Bacterial counts | <100cfu/g | Complies |
| Mold and Yeast | <100cfu/g | Complies |
| Staphylococcus aureus | Negative | Complies |
| Chlorop seu domonas | Negative | Complies |
| Shelf Life | Two Years | |
| Conclusion | The results meet the standard | |

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