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APROBADO
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HaoSail

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CERTIFICATE OF ANALYSIS

Product Name	Hyaluronic acid LW
Batch Number	23032701
Lot Quantity	25KG
MFG.DATE	Mar.27.2023
RE-TEST DATE	Mar.26.2026
Country of Origin	China

Items of Analysis	Specification	Results
Appearance	White or almost white powder or granule	Conform
Glucuronic acid	$\geq 44.5\%$	47.1%
Sodium Hyaluronate	$\geq 92.0\%$	97.4%
PH	5.0~8.5	6.9
Transparency	$\geq 99.0\%$	99.90%
Molecular weight, Da	As per request	560KDa
Intrinsic Viscosity	Measured value	10.0dL/g
Protein	$\leq 0.10\%$	0.04%
Bulk	Measured value	0.30g/cm ³
Tap	Measured value	0.47g/cm ³
Residue on ignition	$\leq 20.0\%$	12.60%
Loss on drying	$\leq 10.0\%$	7.70%
Heavy metals (Pb)	$\leq 20\text{ppm}$	$< 10\text{ppm}$
Bacteria count	$\leq 100\text{cfu/g}$	Conform
Mold and yeast	$\leq 50\text{cfu/g}$	Conform
Pseudomonas aeruginosa	Negative	Negative

Conclusion

This batch of product conforms to the Specification.

Storage

Store in cool, dry place and away from strong light and heat

REF PT-25147-777 LOTE 316796