

# Labs Valley.



Labs  
Valley.

ÁCIDO  
HIALURÓNICO

SERUM 1.5%

01 Suaviza  
Humecta  
Reafirma

Reduce líneas de expresión  
Reparación avanzada  
Regeneración celular **3R**  
30 ml.





Encapsuladoras México, S.A de C.V.

EME180528EF6

Apicultura 12403

Col. Zootecnia CP. 31416

Chihuahua, Chihuahua

Tels. (614) 266 6448 // 259 0114



## CERTIFICADO DE ANALISIS

Product Name: Sodium Hyaluronate

Production Date: February 10<sup>th</sup> 2020

Batch No.: 2020022510

Expiry Date: February 9<sup>th</sup> 2022

Total Quantity: 1250kg

| Item                     | Standard                                   | Result               |
|--------------------------|--------------------------------------------|----------------------|
| Appearance               | White or almost white powder<br>or granule | Complied             |
| Sodium Hyaluronate       | ≥ 95%                                      | 97.4%                |
| Appearance of Solution   | $A_{600nm} \leq 0.01$                      | Complied             |
| Nucleic Acids            | $A_{260nm} \leq 0.5$                       | Complied             |
| pH (0.5% aq. sol., 25°C) | 5.0-8.5                                    | 6.7                  |
| Molecular Weight         | 0.80-1.40 Million Daltons                  | 1.00 Million Daltons |
| Protein                  | ≤ 0.1%                                     | 0.03%                |
| Loss on drying           | ≤ 10.0%                                    | 7.1%                 |
| Residue on Ignition      | ≤ 20.0%                                    | 17.3%                |
| Chlorides                | ≤ 0.5%                                     | 0.4%                 |
| Iron                     | ≤ 80ppm                                    | < 80ppm              |
| Heavy metal              | ≤ 20ppm                                    | < 10ppm              |
| Arsenic                  | ≤ 2ppm                                     | < 2ppm               |
| Bacteria Counts          | ≤ 100CFU/g                                 | Complied             |
| Molds & Yeasts           | ≤ 50CFU/g                                  | Complied             |
| Staphylococcus aureus    | Negative/g                                 | Negative             |
| Escherichia coli         | Negative/g                                 | Negative             |





### Encargado de producción:

Ingeniero Bioquímico y Maestro en Ciencias Rafael Camacho Mejorado.

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Cédula M. en C. 7750844

Egresado de Ingeniería Bioquímica y maestría en ciencias en el área de Toxicología, ambas con mención honorífica, por parte de la Universidad Autónoma de Aguascalientes.

Estudios de Doctorado concluidos en el CINVESTAV- IPN en el departamento de Toxicología en el área de Genética Poblacional.

### Participación en publicaciones científicas:

Liga:

<https://www.researchgate.net/scientific-contributions/Rafael-Camacho-Mejorado-2054848207>

Camacho-Mejorado R et al. 2019 ALOX5, LPA, MMP9 and TPO gene polymorphisms increase atherothrombosis susceptibility in middle-aged Mexicans. R. Soc. open sci., February 2020, 6: 190775.

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Elizabeth Schaeffer, Bruno López-Bayghen, Adina Neumann, Leonardo M. Porchia, Rafael Camacho, et al. Whole Genome Amplification of Day 3 or Day 5 human embryos provides a suitable DNA template for PCR-based techniques for genotyping, a complement of Preimplantation Genetic Testing. BioMed Research International. 2017 Vol. 2017

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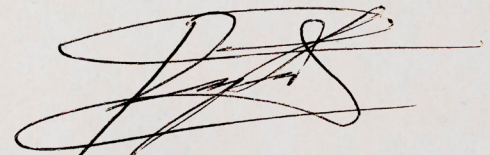




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M.Sc. Rafael Camacho Mejorado

