

Pace Biotech

Surajpur, Paonta sahib Dist. Sirmour (H.P)

Title :

Certificate of Analysis Finished Product

| Product Name | AONE Injection | A.R. No. | BD/FP/24/010 |
|---------------------|--------------------------------|-----------------|--------------|
| Generic Name | Ceftriaxone Injection IP 500mg | Sampled qty. | 45 Vials |
| Batch No. | B23787B | Sampled by | Arvind |
| Batch Size | 5000 Vials | Sampled on | 04/04/2024 |
| Mfg. Date | 03/2024 | Date of Testing | 04/04/2024 |
| Exp. Date | 02/2026 | Date of Release | 19/04/2024 |

| S. No. Tests | | Specifications | Observations | |
|--------------|--------------------------------|--|--|--|
| 1. | Description | A white dry powder filled in clear glass vial. | A white dry powder filled in clear glass vial. | |
| 2. | Identification By I.R | A.The absorption spectrum of the test preparation should exhibits maxima at same wavelength with that obtained with similar preparation of Ceftriaxone working standard. | Complies | |
| | By HPLC | B. In the Assay, the principal peak in the chromatogram obtained with the test solution corresponds to the peak in the chromatogram obtained with the reference solution (a). | Complies | |
| | By Chemical | C. It gives the reaction A of sodium salts. | Complies | |
| 3. | Uniformity of weight | Average weight ±10% | -1.15% & +0.80% | |
| 4. | Average weight | Informative. | 599.1 mg | |
| 5. | Related Substance (By HPLC) | | | |
| | Any Impurity | NMT-1.0% | Complies | |
| | The sum of all such Impurities | NMT- 4.0% | Complies | |
| 6. | Appearance of solution | A 1.2 percent w/v solution in carbon dioxide-free water is clear and not more intensely coloured than reference solution by S5 or YS5. | Complies | |
| 7. | рН | 6.0 to 8.0 | 6.37 | |
| 8. | Water | NMT-11% w/w | 10.40% w/w | |

| | A Cal |
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| Checked by | Approved by |
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| 9. | Particulate Matter | | | | |
|------------------------------|---------------------------|-------------------------------|----------------------|-------------------------|----------------|
| | (a.) Sub-Visible particle | | | | |
| | count | | | | |
| | (1.) Particles ≥10µm | NMT-6000/vial | | 82 | !/vial |
| | (2.) Particles ≥25µm | NMT-600/vial | | 1. | /vial |
| | (b.) Visual | | free from particles | | nplies |
| | | _ | r particles that can | | |
| | | be observed on v | | | |
| 10. | Sterility | No microbial growth should be | | Complies | |
| | | observed. | | | |
| 11. | Bacterial Endotoxins | NMT- 0.2 EU/mg of Ceftriaxone | | Less than- 0.2 EU/mg of | |
| | | Sodium. | | Ceftriaxone S | odium. |
| 12. | Assay: | | | | |
| | Each vial Contains: | | | | |
| Ingredients | | Labeled Claim | Found | % of labeled | Limits % of |
| | | | | amount | labeled amount |
| Sterile | e Ceftriaxone Sodium I.P | | | | |
| Eq. to anhydrous Ceftriaxone | | 500 mg | 528.80 mg | 105.76% | 90.0 to 115.0% |

Remarks: In the opinion of the undersigned the sample referred to above is/ is not of the standard quality as The Drug & Cosmetic Act 1940 and the rules made there under. Complies/ not complies as per IP/BP/USP/IHS.

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| Analysis by | Checked by | Approved by |
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