

## Certificate of analysis

### NITAZOXANIDE

|             |              |                  |              |
|-------------|--------------|------------------|--------------|
| CAS No.     | 55981-09-4   | Code             | BIOJNTZ001   |
| Batch No    | 20220514     | Manufacture Date | May.14, 2022 |
| Expiry Date | May.13, 2025 | Quantity         | 12Kgs        |

| Testing Items       | Specifications  | Results            |
|---------------------|---|--------------------|
| Description         | Off white to pale yellow powder   | Pale yellow powder |
| Solubility          | Almost insoluble in water and alcohol, soluble in dimethylformamide, slightly soluble in methanol   | Complies           |
| Identification      | The retention time of the major peak in the chromatogram of the test preparation corresponds to that in the chromatogram of the reference preparation | Complies           |
| Related Substance   | Single impurity $\leq 0.5\%$<br>Total impurity $\leq 1.0\%$   | 0.28%<br>0.66%     |
| Loss on drying      | $\leq 0.5\%$  | 0.08%              |
| Melting point       | 196~202°C   | Complies           |
| Residue on ignition | $\leq 0.5\%$  | 0.12%              |
| Assay(HPLC)         | 98.5%~101.5%  | 99.3%              |
| Conclusion          | This product conforms to In-house standard  |                    |

**\*Storage condition: Store below 25°C, Protect from moisture and light.**