**RADEEP PHARMA LLP**
Survey No. 143, Tundav–Anjesar Road
Post: Tundav, Taluka: Savli
Vadodara – 391775, Gujarat (India)
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# Product Data Sheet

| | |
|---|---|
| **Product Name** | **Zinc Citrate Dihydrate Pure** |
| **Molecular Formula** | Zn3(C6H5O7)2, 2H2O |
| **Molecular Weight** | 610.36 g/mol |

## Specification:

| | | |
|---|---|---|
| 1 | Description | A white granular free flowing powder. |
| 2 | Solubility | Practically insoluble in water. |
| 3 | Identification | Positive for Zinc & Citrate |
| 4 | Loss on Drying 2hrs (at 105 ° C) | Max. 1.0% |
| 5 | Chloride | Max. 0.01% |
| 6 | Sulphates | Max. 0.01% |
| 7 | Lead | Max. 3ppm |
| 8 | Arsenic | Max. 1ppm |
| 9 | Cadmium | Max. 1ppm |
| 10 | Mercury | Max. 0.1ppm |
| 11 | Particle Size | 99% through 100 microns |
| 12 | Content of Zn (on dried basis) | Min. 31.30% |
| 13 | Assay | Min. 98% |
| 14 | *Total Aerobic Count* | *Max. 1000cfu/gm* |
| 15 | *Total Moulds and Yeasts* | *Max. 100cfu/gm* |
| 16 | *Escherichia Coli* | *Absent* |
| 17 | *Salmonella* | *Absent* |

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# Product Data Sheet

| | |
|---|---|
| **Product Name** | **Zinc Citrate Trihydrate** |
| **Molecular Formula** | Zn3(C6H5O7)2, 3H2O |
| **Molecular Weight** | 628.29 |
| **CAS No.:** | 546-46-3 |

**Specification:**

| | | |
|---|---|---|
| 1 | Description | A white granular free flowing powder. |
| 2 | Solubility | Insoluble in water |
| 3 | Identification | Positive for Zinc & Citrate |
| 4 | Loss on Drying (at 105 º C) | Max. 1.0% |
| 5 | Chloride | Sulphates |
| 6 | Sulphates | Max. 0.01% |
| 7 | pH 3% suspension | 3.5 to 7.0 |
| 8 | Arsenic | Max. 3ppm |
| 9 | Lead | Max. 1ppm |
| 10 | Cadmium | Max. 5ppm |
| 11 | Particle Size | 99% through 100 microns |
| 12 | Content of Zn (on dried basis) | 30.90 - 31.75% |