

# Specification

## Technical Data Sheet

|                            |                          |
|----------------------------|--------------------------|
| <b>Product Name</b>        | Allopurinol              |
| <b>Product No</b>          | 12010591                 |
| <b>CAS Number</b>          | 315-30-0                 |
| <b>Storage Temperature</b> | 2 to 8 °C                |
| <b>Molecular Weight</b>    | 136.11                   |
|                            | <b>Specification</b>     |
| <b>Appearance</b>          | White Crystalline Powder |
| <b>Assay/Purity</b>        | 98% - 102%               |
| <b>Grade</b>               | USP33 Grade              |
| <b>Impurity A</b>          | ≤0.2%                    |
| <b>Impurity B</b>          | ≤0.2%                    |
| <b>Impurity C</b>          | ≤0.2%                    |
| <b>Impurity D</b>          | ≤0.2%                    |

### Specification

---

|                       |              |
|-----------------------|--------------|
| <b>Loss on Drying</b> | $\leq 0.5\%$ |
|-----------------------|--------------|

---

|                   |              |
|-------------------|--------------|
| <b>Impurity E</b> | $\leq 0.2\%$ |
|-------------------|--------------|

---

|                   |              |
|-------------------|--------------|
| <b>Impurity F</b> | $\leq 0.2\%$ |
|-------------------|--------------|

---

|                          |    |
|--------------------------|----|
| <b>IR identification</b> | IR |
|--------------------------|----|

---

|                           |                     |
|---------------------------|---------------------|
| <b>Limit of hydrazine</b> | $\leq 10\text{ppm}$ |
|---------------------------|---------------------|

---