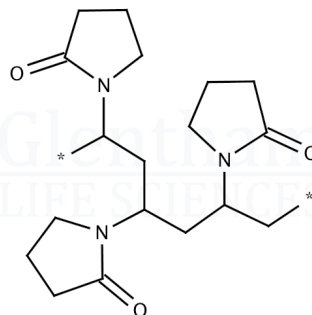


Product Specification

| | |
|-------------------|---|
| Product Name | Povidone K90 |
| Glentham Code | GP3291 |
| CAS Number | 9003-39-8 |
| MDL Number | MFCD00149016 |
| Molecular Weight | ~1,350,000 (avg.) |
| Molecular Formula | (C ₆ H ₉ NO) _n |
| Storage Temp. | +20°C |



| Property | Specification |
|--------------------------------|--|
| Physical Description | White to off-white or faint yellow powder or fine flakes |
| Identification | A, B, C, D to pass tests |
| Appearance of Solution | To pass test |
| pH (5% in water) | 4.0 - 7.0 |
| K-Value | 81.0 - 97.2 |
| Water | ≤ 5.0% |
| Impurity A | ≤ 10ppm |
| 2-Pyrrolidone | ≤ 3.0% |
| Aldehydes | ≤ 500ppm |
| Peroxides | ≤ 400ppm |
| Formic acid | ≤ 0.5% |
| Hydrazine | ≤ 1ppm |
| Sulphated Ash | ≤ 0.1% |
| Heavy Metals | ≤ 10ppm |
| Lead | ≤ 10ppm |
| Nitrogen (N) | 11.5 - 12.8 % |
| Pharmacopoeia Specification(s) | Conforms to Ph. Eur., USP |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2021-02-19 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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