innovation diagnostic chemicals
17B Fota Business Park, Carrigtwohill, Cork T45EY16

# PRODUCT SPECIFICATIONS

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|---|---|
| **Product :** | **Uricase** |
| **Origin :** | **Bacillus sp.** |
| **Code :** | **URC-900** |
| **E.C. Number :** | **1.7.3.3** |
| **Nomenclature :** | **Urate: oxygen oxidoreductase** |
| **Form :** | **White amorphous powder** |
| **Activity :** | **≥ 1.5 u/mg** |
| **Contaminants :** | **Catalase: ≤ 1.0 %** |
| **Optimum temperature :** | **45 °C** |
| **Optimum pH :** | **8.5** |
| **Unit definition :** | **1 unit causes the hydrolysis of 1 micromole of uric acid/min at 37°C and pH 8.0** |
| **Stability :** | **12 months** |
| **Storage :** | **-20 °C** |