

Active Native Urate oxidase

Cat. No. UO-44 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Urate oxidase (EC 1.7.3.3) was purified from <i>Arthrobacter globiformis</i> .
Species	<i>Arthrobacter globiformis</i>
Source	<i>Arthrobacter globiformis</i>
Description	The enzyme urate oxidase (UO), or uricase or factor-independent urate hydroxylase, absent in humans, catalyzes the oxidation of uric acid to 5-hydroxyisourate: Uric acid + O ₂ + H ₂ O → 5-hydroxyisourate + H ₂ O ₂ → allantoin + CO ₂
Form	White to off white lyophilized powder.
Bio-activity	≥10 U/mg
Storage	Store in tightly closed containers, desiccated, protected from light, at -20°C.

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