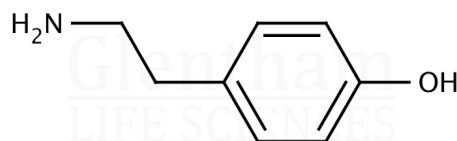


Certificate of Analysis

Product Name Tyloxapol, USP grade
Glentham Code GL3025
CAS Number 25301-02-4
MDL Number MFCD00149002
PubChem SID 310281511
Batch Number 140UDP

Molecular Weight -
Molecular Formula $(C_{17}H_{30}O_4)_n$
Storage Temp. +20°C



Property	Specification	Batch 140UDP
Physical Description	Yellow to brown viscous liquid	Yellow viscous liquid
Identification (IR)	To conform to standard	Conforms
Residue on Ignition	≤ 1.0%	0.3%
Anionic Detergents	≤ 0.075% (as sodium lauryl sulfate)	< 0.075%
Ethylene Oxide	≤ 10ppm	< 10ppm
Formaldehyde	≤ 0.0075%	< 0.0075%
Cloud Point	92 - 97 °C	96 °C
pH	4.0 - 7.0	4.4
Free Phenol	To pass test	Conforms
Absence of Cationic Detergents	To pass test	Conforms
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.1
Manufacture Date 2022-09-30
Re-Test Date 2030-08-01

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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