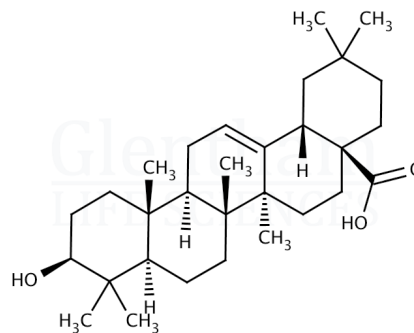


## Certificate of Analysis

Product Name Oleanolic acid, 97%  
Glentham Code GK1669  
CAS Number 508-02-1  
EINECS 208-081-6  
MDL Number MFCD00064914  
PubChem SID 310278322  
Batch Number 292SUA

Molecular Weight 456.70 (anhydrous)  
Molecular Formula  $C_{30}H_{48}O_3 \cdot xH_2O$   
Storage Temp. +4°C



Property	Specification	Batch 292SUA
Physical Description	White, off-white or pale yellow powder	Conforms
Solubility (1% in chloroform)	Clear to faintly turbid, colourless to faint yellow solution	Conforms
Water	≤ 6.0%	4.2%
Assay (Titration)	≥ 97.0% (anhydrous basis)	98.4%

Specification Version v1.0  
Manufacture Date 2019-01-07  
Re-Test Date 2029-01-03

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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