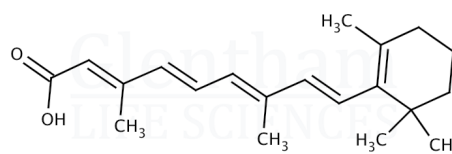


## Product Specification

Product Name	Retinoic acid, USP grade
Glentham Code	GP2891
CAS Number	302-79-4
EINECS	206-129-0
MDL Number	MFCD00001551
Molecular Weight	300.44
Molecular Formula	C <sub>20</sub> H <sub>28</sub> O <sub>2</sub>
Storage Temp.	-20°C



Property	Specification
Physical Description	Yellow to light-orange crystalline powder
Identification (IR)	To conform to standard
Identification (UV)	$\lambda_{\text{max}}$ = 352nm, calculated absorptivities do not differ by more than 3.0%
Residue on Ignition	$\leq 0.1\%$
Heavy Metals	$\leq 20\text{ppm}$
Isotretinoin	$\leq 5.0\%$
Loss on Drying	$\leq 0.5\%$
Assay (Titration)	97.0 - 103.0 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version	- v1.0
Date Created	- 2017-07-24

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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