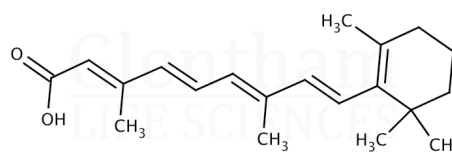


## Certificate of Analysis

Product Name	Retinoic acid, USP grade
Glentham Code	GP2891
CAS Number	302-79-4
EINECS	206-129-0
Numéro MDL	MFCD00001551
Batch Number	792WST
Molecular Weight	300.44
Molecular Formula	$C_{20}H_{28}O_2$
Storage Temp.	-20°C



Property	Specification	Batch 792WST
Physical Description	Yellow to light-orange crystalline powder	Conforms
Identification (IR)	To conform to standard	Conforms
Identification (UV)	$\lambda_{max} = 352nm$ , calculated absorptivities do not differ by more than 3.0%	Conforms
Residue on Ignition	$\leq 0.1\%$	0.03%
Heavy Metals	$\leq 20ppm$	Conforms
Isotretinoin	$\leq 5.0\%$	0.1%
Loss on Drying	$\leq 0.5\%$	0.1%
Assay (Titration)	97.0 - 103.0 % (dried basis)	99.8%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2018-05-05
Re-Test Date	2026-05-17

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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