



Specification for Tretinoin, Powder, USP (R1022)

Item Number	R1022
Item	Tretinoin, Powder, USP
CAS Number	302-79-4
Molecular Formula	C ₂₀ H ₂₈ O ₂
Molecular Weight	300.44
MDL Number	
Synonyms	15-apo-β-caroten-15-oic Acid ; Vitamin A Acid ; all-trans-Retinoic Acid

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)		3.0 %
ASSAY (DRIED BASIS)	97.0	103.0 %
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.1 %
ISOTRETINOIN		5.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000