



## DMSO Synthesis Grade Specification

<u>Test</u>	<u>Reference</u>	<u>Gaylord Chemical Company, LLC Specification</u>
Assay, % minimum by GC-FID	Gaylord WI-QA-016	99.98
Total Organic impurities, % maximum by GC-FID	Gaylord WI-QA-016	0.02
Water content, % maximum by KF	Gaylord WI-QA-066	0.03
Color, (APHA) maximum	ASTM D-1209	10
Titration Acid, mL 0.01 N NaOH maximum / 50.0 g sample	ACS	5.0
UV Absorbance maximum	Gaylord WI-QA-035 European Pharmacopoeia	
275 nm		0.30
285 nm		0.20
295 nm		0.20

<u>Approved by:</u>	<u>Title</u>	<u>Signature / Date</u>
Paul Dennis	President / CEO	<i>Paul Dennis</i> March 8, 2017
Marc Smith	VP Manufacturing	<i>Marc Smith</i> 3/8/2017
Mary Posey	Quality Assurance	<i>Mary M. Posey</i> 3-8-17

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