



**CERTIFICATE OF ANALYSIS**  
**DIMETHYL SULFOXIDE**  
**Distilled Grade**

Lot # C21E12CAS000DMSO  
Date of Manufacture: March 23, 2021  
Recommended Retest Date: Three Years from Date of Manufacture  
Main Catalog #: 367000DIS

TEST	SPECIFICATIONS	RESULTS
Description Clear colorless liquid free of suspended matter	Passes Test	Passes
Assay (by GC-FID) (Corrected for Water)	Min 99.9 %	99.96 %
Color	Max 10 APHA	5 APHA
Identification by IR Spectroscopy	Passes Test	Passes
Residue after Evaporation	Max 5 ppm	2 ppm
Water (by KF coulometry)	Max 0.05 %	0.005 %
UV cut-off	Max 268 nm	262 nm
Optical Absorbance at		
268 nm	Max 1.00 AU	0.39 AU
270 nm	Max 0.40 AU	0.30 AU
280 nm	Max 0.30 AU	0.12 AU
290 nm	Max 0.15 AU	0.06 AU
300 nm	Max 0.10 AU	0.02 AU
310 nm	Max 0.06 AU	0.01 AU
330 nm	Max 0.02 AU	0.002 AU
350 nm	Max 0.01 AU	< 0.001 AU

Approved

*Ervin O'Byrne*

Ervin O Bryan  
Chemist

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**PHARMCO**  
by Greenfield Global

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TEST	SPECIFICATIONS	RESULTS
400 nm	Max 0.01 AU	< 0.001 AU
Comments: Filtered through a 0.2 µm filter	Passes Test	Pass

Form: Dimethyl Sulfoxide-Distilled, #101, Rev 2 6, 10/16, SDK

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

Approved

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