

CERTIFICATE OF ANALYSIS
DIMETHYL SULFOXIDE (DMSO)

Reagent Grade ACS

Lot # C19F18CAS000DMSO

Date of Manufacture: July 17, 2019

Recommended Retest Date: Three Years from Date of Manufacture

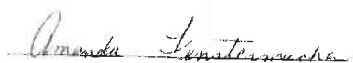
Main Catalog #: ZH367000ACS

TEST	SPECIFICATIONS	RESULTS
Description Clear colorless liquid free of suspended matter	Passes Test	Passes
Assay (by GC-FID) (Corrected for Water)	Min 99.9 %	99.97 %
Residue after Evaporation	Max 0.01 %	< 0.00001 %
Titration Acid (as Acetic acid)	Max 0.001 meq/g	0.0002 meq/g
Water (by KF coulometry)	Max 0.1 %	0.01 %

Form: Dimethyl Sulfoxide, ACS, Rev. 1.5, 03/18, RR

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



Amanda Fenstermacher
Quality Assurance Clerk

58 Vale Road, Brookfield, Connecticut, 06804, USA | P. 800.243.5360
www.pharmco.com | www.greenfield.com