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## **CERTIFICATE OF ANALYSIS**

Product: Dimethyl Sulfoxide (DMSO) Lot Number: 220724

CAS No: 67-68-5 MFG Date: July 24, 2022

MF: C₂H₅OS Storage: Store in dry ventilated area

Items	Specification	Result
Appearance	Colorless transparent liquid or crystals	Colorless clear liquid
DMSO Content	≥ 99.9% min	99.98%
Acid Value	≤ 0.03 mg KOH/g	0.01 mg KOH/g
Crystallizing Point	≥ 64.85°F (18.10°C)	65°F (18.33°C)
Refractive Index (nd20°C)	1.4775-1.4790	1.4786
Transmittance (400nm50%)	≥96.00	100.00
Water Content	0.1% max	0.02%
Testing Conclusion	Passed Specification Standards	

This document certifies that the product specified in the title has been analyzed for all applicable specifications and indicated the reported results as documented by Valhoma Corporation.

Kerri Brant

Corporate Quality Manager | Valhoma Corporation

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