

SYSTEM

Certificate Of Analysis

PRODUCT NAME : Dimethyl Sulfoxide, *ChemAR*®
CATALOGUE NUMBER : DI650-90
FORMULA : CH₃.SO.CH₃
MOLECULAR WEIGHT : 78.13
CAS. NUMBER : [67-68-5]
BATCH NO. : 170113LBS
EXPIRY DATE : Jan./2020

	<u>Specification</u>	<u>Batch Value</u>
Assay(GC)	min.99.8 %	99.9 %
Identity(IR)	passes test	pass
Free acid (as CH ₃ COOH)	max.0.001 %	<0.001 %
Heavy metals (as Pb)	max.0.0001 %	<0.0001 %
Iron(Fe)	max.0.0001 %	<0.0001 %
Matter discoloured by H ₂ SO ₄	passes test	pass
Evaporation residue	max.0.001 %	<0.001 %
Water	max.0.1 %	<0.075 %
Boiling point	189°C	pass
Freezing point	18.45°C	pass
Refractive index	1.478	pass
Wt./ml at 20°C	1.100g	pass

This document has been produced electronically and is valid without a signature.