

SYSTEM

Certificate Of Analysis

PRODUCT NAME : N,N-Dimethylformamide, *ChemAR*[®]
{Formic acid dimethylamide}
CATALOGUE NUMBER : DI521-20
FORMULA : C₃H₇NO
MOLECULAR WEIGHT : 73.10
CAS. NUMBER : [68-12-2]
BATCH NO. : 170210MLS
EXPIRY DATE : Feb./2020

	<u>Specification</u>		<u>Batch Value</u>	
Assay (GC)	min.99.5	%	99.9	%
IR-Spectrum	passes	test	pass	
Colour	max.10 Hazen		pass	
Free acid(as CH ₃ COOH)	max.0.001	%	<0.001	%
Evaporartion residue	max..0.001	%	<0.001	%
Aluminium(Al)	max.0.00005	%	<0.00005	%
Barium(Ba)	max.0.00001	%	<0.00001	%
Boron(B)	max.0.000002	%	<0.000002	%
Cadmium(Cd)	max0.000005	%	<0.000005	%
Cobalt(Co)	max.0.000002	%	<0.000002	%
Chromium(Cr)	max.0.000002	%	<0.000002	%
Calcium(Ca)	max.0.00005	%	<0.00005	%
Copper(Cu)	max.0.000002	%	<0.000002	%
Iron(Fe)	max.0.00001	%	<0.00001	%
Lead(Pb)	max.0.00001	%	<0.00001	%
Magnesium(Mg)	max.0.00001	%	<0.00001	%
Manganese(Mn)	max.0.000002	%	<0.000002	%
Nickel(Ni)	max.0.000002	%	<0.000002	%
Tin(Sn)	max.0.00001	%	<0.00001	%
Zinc(Zn)	max.0.00001	%	<0.00001	%
Water	max.0.01	%	<0.01	%
Wt/ml at 20°C	0.95g		pass	
Melting point:	-60°C		pass	
Boiling point:	153°C		pass	

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