



Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

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CERTIFICATE OF ANALYSIS

Name Of Item : 1,4-DIOXAN AR

Formula : C₄H₈O₂

M.W. : 88.11

Batch No. : D0300

CAS NO. : 123-91-1

Cat. No. : AL0423

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	Clear colourless liquid	Clear colourless liquid
Assay (GC)	99.0%	99.67%
Wt./ ml at 20°C	1.032-1.034g	1.032g
Refractive index	1.421-1.423	1.421
Water	<0.05%	0.04T
Acidity (CH ₃ COOH)	<0.02%	<0.02%
Acetal ([CH ₃ CH (OC ₂ H ₅)]	<0.8%	0.7%
Copper (Cu)	<0.0001%	<0.0001%
Iron (Fe)	<0.0001%	<0.0001%
Lead (Pb)	<0.0001%	<0.0001%
Non volatile matter	<0.01%	0.009%
Freezing point	Not below 11.5°C	11°C

Results : The above product complies with AR grade

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