

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethylene glycol dimethyl ether,for HPLC,99.5%

ITEM NUMBER: E104392
BRAND: Aladdin
CAS NUMBER: 110-71-4
MDL NUMBER: MFCD00008502
FORMULA: C₄H₁₀O₂
MOLECULAR WEIGHT: 90.12

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless Liquid		
Evaporation residue	0 %	0.0005 %	0.0005 %
Infrared spectrum	Conforms to Structure		
Purity(GC)	99.5 %	100 %	100 %
Refractive index n ₂₀ /D	1.379	1.381	1.381
Specific gravity (20/20)	0.867	0.869	0.869
UV absorption : 220 nm A	0	1	1
UV absorption : 250 nm A	0	0.2	0.2
UV absorption : 300 nm A	0	0.03	0.03
UV absorption : 350 nm A	0	0.01	0.01
UV absorption : 400 nm A	0	0.01	0.01
Water by Karl Fischer	0 %	0.03 %	0.03 %

H₂O reference