



ISO 9001:2015
Certificate No.: 19101000107

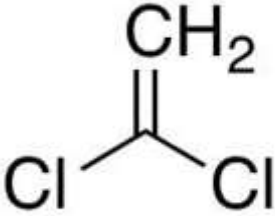


CERTIFICATE OF ANALYSIS

PRODUCT NAME: 1,1-Dichloroethylene GC Standard

DATE of Mfg: XX-XX-XX

EXP DATE: XX-XX-XX

Catalogue Number	GCS-242		
Old Catalogue Number	XX		
Item/Batch Number	XX		
CAS Number	75-35-4		
Mol. Formula	C ₂ H ₂ Cl ₂		
Molecular Wt.	96.94 g/mol		
Density	1.238 - 1.242	Quantity	10 ML
Boiling Range	31.2 - 31.7 °C (1013 hPa)	Melting Point	-56 °C
Storage Condition	4°C, Inert atmosphere, Light sensitive		
Synonyms	Vinylidene chloride; Iso-dichloroethylene		

Test	Results
Appearance	Clear Colourless to Pale Yellow Oil
Identification by 1H NMR	Conforms the structure
Identification by IR	Conforms the structure
Refractive Index N20/D	1.424 - 1.426
Mass (ESI)	Conforms the structure
Solubility	Soluble in Methanol and DCM
Purity	≥ 98.0 %by GC
Water content by KF	0.16 %
% Potency = [100 - (Water content by KF)] X GC Purity] / 100	≥ 97.0 %
Release Date	XX
Attachments	¹ H NMR, IR, MS, KF and GC Purity.
Note: This material can be used as reference standard and is for research purpose ONLY and not for human consumption	

	Prepared By	Reviewed By	Approved By
Sign			
Name	Anita G	Rithesh M.	Nishma P.
Date	XX	XX	XX