Air Liquide Singapore Private Limited
NO, 2 VENTURE DRIVE, #22-28, VISION EXCHANGE, SINGAPORE 608526
Tel: 6265 3788 Credit Control Fax: 6863 3307
CO. REG NO. 197001157-D
GST REG NO. M2-0011500-7

CERTIFICATE OF ANALYSIS

CUSTOMER	ALSG - ESG CENTRE PROJECT
SPEC NO	
PART NO	
MANUFACTURER LOT NO.	EAK164
BATCH NO	2300EAK164
PRODUCT CODE	T00413
RECIPE NO.	2019314211/E
OWNERSHIP	SOX

CERTIFICATE NO	A637523
CYLINDER SIZE	47.0 L
VALVE OUTLET	CGA 632 (P)
CYLINDER TYPE	STEEL
FILLING PRESSURE	77.0 bars
CYLINDER CONTENT	12.00 KG
FILLED DATE	10 Sep 2026
ANALYSIS DATE	10 Sep 2026
SHELF LIFE	2.0 Years
EXPIRY DATE	10 Sep 2028

CYLINDER NO. **H73259**

U A L R C N H

SIH4,12.0KG,47L,J,ESGP

COMPONENT NAME	NOMINAL CONCENTRATION	ANALYSED_RESULTS	UNIT
RESTRICTING FLOW ORIFICE	= 0.3	= 0.3	MM
SILANE	≧ 99.999	> 99.999	PCT
OXYGEN + ARGON	≦ 0.5	< 0.06	PPMV
MOISTURE	≦ 0.5	< 0.1	PPMV
HYDROGEN	≦ 50	= 0.65	PPMV
NITROGEN	≦ 1	< 0.04	PPMV
CARBON MONOXIDE	≦ 0.1	< 0.04	PPMV
CARBON DIOXIDE	≦ 0.1	< 0.04	PPMV
TOTAL HYDROCARBON (AS METHANE)	≦ 0.1	< 0.04	PPMV
CARBON	≦ 0.4	< 0.1	PPMA
MONOCHLOROSILANE	≦ 0.2	< 0.1	PPM

CHECKED BY:

APPROVED SIGNATORY

NAME: MUHAMMAD.HAMBALI
ESG Centre

ACCEPTED RANGE: FOR MIXTURE ONLY