

Alpha
80 Industrial Drive
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CERTIFICATE OF ANALYSIS

To: TOMOE TRANSTECH SPECIALTY GAS
8 BOON LAY WAY #02-01, TRADEHUB 21
SINGAPORE, 609964

Material: 5% FLUORINE BALANCE NEON
Customer PO Number: LPO24-10076

Manufacture Date: 12-Apr-2024
Expiry Date: 12-Oct-2026
Batch Number: 1607538
Linde Material: 24094340
Linde Sales Order: 117500958

Cylinder Analyzed: 4210559Y
Valve Outlet: JIS22R
Container Code: 080

Volume: 1,085 L
Pressure: 1015 Psi(g)

Component	Specification	Min	Max	Concentration
FLUORINE	5 %	4.5	5.5	5.0 %
NEON	BAL			BAL
FLUORINE AS ASSAY	>=99 %			99 %
NEON AS ASSAY	>=99.999 %			99.999 %
CARBON DIOXIDE	<=25 ppm			0.197 ppm
MOISTURE AS HF	<=125 ppm			6.189 ppm
NITROGEN	<=125 ppm			1.95 ppm
OXYGEN	<=125 ppm			42.100 ppm
CARBON MONOXIDE	<=5 ppm			<0.084 ppm DL
METHANE	<=5 ppm			<0.009 ppm DL
XENON	<=1 ppm			<0.1 ppm DL
TOTAL FLUORIDE	<=40 ppm			0.527 ppm

