

n-Valeric acid

• General grade

	Range(cmol/mol)		Cylinder type	Blending tolerance(%)	Uncertainty (%)	Shelf life (months)	Pressure	
							psig	MPa
1	0.0001	0.0003	Al-B	20	10	6	1400~1500	9.6~10
2	0.0003	0.0006	Al-B	20	7	6	720~1400	5~9.6
3	0.0006	0.0022	Al-B	15	5	6	180~720	1.3~5
4	0.0022	0.0055	Al-B	15	3	6	60~180	0.5~1.3
5	0.0055	0.011	Al-B	10	3	12	30~60	0.3~0.5
6	0.011	0.11	Al-B	5	2	12	0~30	0~0.3
7	0.11	0.9	Al-B	3	2	12	0	0
8	0.9	100	Al-B	2	2	12	0	0

• Special grade

	Range(cmol/mol)		Cylinder type	Blending tolerance(%)	Uncertainty (%)	Shelf life (months)	Pressure	
							psig	MPa

• Equipment recommendations

Regulator Model*		GB	GS	SB	SS
Concentration Range (cmol/mol)	~0.0005	X	△	△	O
	0.0005~0.5	△	O	△	O
	0.5~	X	O	△	O

O: Available, △: Available but not recommended, X: N/A(not available)

* GB : G-series Brass Regulator

GS : G-series SUS Regulator

SB : S-series Brass Regulator

SS : S-series SUS Regulator

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