

**CERTIFICATE OF TEST REPORT (PHYSICALS AND CHEMICALS)
CERTIFICATE OF VALVE TEST REPORT**

Client UNIMECH ENGINEERING (M) SDN BHD WISMA UNIMECH 4934, JALAN CHAIN FERRY 12100 BUTTERWORTH, PENANG, MALAYSIA		Client's Order No. ZPO-2012-0001		Client's Mark UNIMECH PENANG MALAYSIA								
Quantity: 50PCS 50PCS	Size: 2" 4"	Description: ARITA SS304 2PC BODY BALL VALVE F/E ANSI 150# ARITA SS304 2PC BODY BALL VALVE F/E ANSI 150#										
Heat No.	CHEMICALS% (CF8)											
	C	Si	Mn	P	S	Ni	Cr	Mo	PHYSICALS			
	£0.08	£2.00	£1.50	£0.04	£0.04	8-11	18-21	≤0.5	Tensile σ b (Mpa)	Yield σ s (MPa) (0.2%)	Elongation δ (%)	Hardness HB
	0.06	0.489	0.76	0.014	0.0051	8.15	18.18	0.17	≥485	≥205	≥35	—
SL120 (2" BODY/BONNET)	0.053	0.48	0.75	0.014	0.0043	8.14	18.15	0.16	520	257	44	—
SL121 (2" BODY/BONNET)	0.064	0.5247	0.71	0.013	0.0054	8.33	18.36	0.16	520	261	42	—
SL122 (2" BODY/BONNET)	0.057	0.559	0.65	0.011	0.0058	8.42	18.33	0.14	525	256	36	—
SL123 (2" BODY/BONNET)	0.037	0.685	0.74	0.013	0.0042	8.17	18.47	0.13	518	255	37	—
SLH25 (2" BODY/BONNET)	0.046	0.525	0.71	0.014	0.0054	8.37	18.37	0.11	520	255	35	—
SLH28 (2" BODY/BONNET)	0.061	0.548	0.76	0.014	0.0057	8.39	18.35	0.11	520	255	35	—
SLH24 (2" BODY/BONNET)	0.034	0.678	0.79	0.016	0.0051	8.21	18.37	0.17	525	260	38	—
SLH26 (2" BODY/BONNET)	0.062	0.552	0.69	0.012	0.0049	8.29	18.42	0.15	520	258	36	—
SLH25 (2" BODY/BONNET)	0.045	0.682	0.69	0.019	0.0039	8.14	18.49	0.16	520	255	36	—
SLH24 (2" BODY/BONNET)	0.032	0.679	0.73	0.022	0.0046	8.16	18.44	0.09	520	250	35	—
SLM38 (4" BODY/BONNET)	0.047	0.569	0.59	0.018	0.0039	8.41	18.61	0.21	520	255	37	—
SLM39 (4" BODY/BONNET)	0.052	0.568	0.76	0.019	0.0046	8.46	18.62	0.13	525	250	38	—
SLM40 (4" BODY/BONNET)	0.053	0.565	0.65	0.015	0.0046	8.53	18.55	0.16	515	260	38	—
SLM041 (4" BODY/BONNET)	0.043	0.515	0.72	0.016	0.0059	8.32	18.32	0.16	520	255	35	—
SLM042 (4" BODY/BONNET)	0.052	0.522	0.69	0.012	0.0049	8.29	18.41	0.15	525	258	36	—
SLM37 (4" BODY)	0.054	0.553	0.71	0.012	0.0041	8.57	18.58	0.11	530	260	36	—
TEST CONDITIONS TO API598 UNLESS OTHERWISE STATED												
Pressure Test	Shell	Back seat		Seal		Leakage Test						
Hydraulic (MPa)	3.1			0.6		OK						
Air (MPa)						Inspection By						
We hereby certify that the valves of the above order comply in all records with the material specification and the pressure tests have been carried out and witnessed under the test condition shown above.												
Date: 2021/01/30	INSPECTION DEPARTMENT: WUKI FUSHENG VALVE INDUSTRIAL CO., LTD (QA DEPARTMENT)											