

**REPORT OF TESTS**

Description	Chemical Analysis		
Tested for	Eurotech International LLC		
Product Name	PPR valve	Product Brand	Eurotherm PPR
Lab Reference No.	104747/1-2 Rev.01		
Date Received	09.09.2021	Date Reported	30.09.2021

**1.0 Introduction**

Further to the test work instructions received from M/s. Eurotech International LLC, dated 09.09.2021, blank (Deionised water) & water in contact with valve sample provided have been analysed for the following by Al Futtaim Element Materials Technology Dubai (L.L.C)

**2.0 Chemical Analysis**

Sample number		104747-1	104747-2	Maximum allowable limits as per BS 6920-1:2014
Sample reference		Blank (Deionised water)	Water in contact with Valve for 24 hrs.*	
Parameter	unit	Results	Results	
Aluminium (Al)	mg/L	< 0.01	< 0.01	0.2
Antimony (Sb)	mg/L	< 0.01	< 0.01	0.005
Arsenic (As)	mg/L	< 0.01	< 0.01	0.01
Boron (B)	mg/L	< 0.01	< 0.01	1
Cadmium (Cd)	mg/L	< 0.001	< 0.001	0.005
Chromium (Cr)	mg/L	< 0.005	< 0.005	0.05
Iron (Fe)	mg/L	< 0.01	< 0.01	0.2
Lead (Pb)	mg/L	< 0.01	< 0.01	0.01
Manganese (Mn)	mg/L	< 0.01	< 0.01	0.05
Nickel (Ni)	mg/L	< 0.01	< 0.01	0.02
Selenium (Se)	mg/L	< 0.01	< 0.01	0.01
Mercury (Hg)	mg/L	< 0.00003	< 0.00003	0.001
pH	pH units	5.9	6.6	-
Colour	PtCo	< 5	< 5	5
Odour	-	unobjectionable	unobjectionable	unobjectionable
Turbidity	NTU	< 0.1	< 0.1	0.5
Total suspended solids (TSS)	mg/L	< 5	< 5	-

Reason for Revision: To update client details

Test method: BS 6920-1; 2014/ APHA 3120B / APHA 4500 H+B/ APHA 2540D / APHA 2130B/ APHA 2150.  
 The sample provided was soaked in deionised water for 24 hours at room temperature. The solution was analysed, and the results are reflected above.



**For and on-behalf of Element Materials Technology ME Limited LLC**

Tested by: GAN, SMO Date tested: 23.09.2021 – 26.09.2021

\*Test duration as per client's requirement.