

GNR ANALYTICAL INSTRUMENTS



SUPPLY · SERVICE · SOFTWARE

GNR ANALYTICAL INSTRUMENTS UK - web: www.gnranalytical.co.uk - email: info@gnranalytical.com 0115 937 6686

	CU 01 MINILAB 300 Cu Orientative	CU 02 MINILAB 300 Cu 99.9	CU 10 MINILAB300 Bronze	CU 11 MINILAB 300 Pb Bronze	CU 12 MINILAB 300 Al-Bronze Alloys	CU 20 MINILAB 300 Brass	CU 21 MINILAB 300 High Alloyed Brass	CU 30 MINILAB 300 Cu-Ni Alloys	CU 40 MINILAB 300 Cu-Be-Co
Al	0.002-12.0	0.002-0.1		0.01-0.2	0.01-12.0	0.005-1.0	0.005-8.0	0.005-0.15	
As	0.005-0.4	0.005-0.1							
Be	0.0005-3.0	0.0005-0.1							0.05-3.0
Bi	0.005-0.2	0.005-0.1							
B	0.002-0.01	0.002-0.01							
Cd	0.001-0.5	0.001-0.1							
Co	0.001-3.5	0.001-0.1						0.005-0.15	0.05-3.0
Cr	0.002-1.5	0.002-0.1	0.002-0.05			0.002-0.05	0.002-0.05		
Cu#2	REF		REF	REF	REF	REF	REF	REF	REF
Fe	0.001-7.0	0.001-0.1	0.01-1.0	0.01-0.5	0.01-8.0	0.01-1.0	0.01-4.0	0.01-2.0	0.05-0.5
Mg	0.001-0.2	0.001-0.1							
Mn	0.001-5.0	0.001-0.1	0.01-0.4	0.01-0.4	0.01-4.0	0.01-1.0	0.01-5.0	0.01-2.0	
Ni	0.001-40.0	0.001-0.1	0.005-2.0	0.005-4.0	0.005-6.0	0.01-1.0	0.01-3.0	8.0-30.0	0.05-2.0
P	0.002-1.5	0.002-0.1	0.005-0.2	0.005-1.5		0.005-0.2	0.005-0.2	0.005-0.02	
Pb	0.005-35.0	0.005-0.1	0.01-8.0	0.01-35.0	0.01-0.5	0.01-2.0	0.01-2.0	0.005-0.05	0.005-0.2
S	0.002-0.3	0.002-0.1	0.005-0.3	0.005-0.3		0.005-0.1	0.005-0.1	0.005-0.02	
Sb	0.01-1.5	0.01-0.1	0.01-1.5	0.01-1.5		0.01-0.1	0.01-0.1	0.01-1.5	
Si	0.005-6.0	0.005-0.1	0.01-0.2	0.01-0.2	0.01-0.2	0.01-1.0	0.01-6.0	0.01-0.8	0.01-0.5
Sn	0.002-15.0	0.002-0.1	0.1-15.0	0.1-15.0	0.01-0.4	0.01-2.0	0.01-4.0		0.01-0.03
Zn	0.005-45.0	0.005-0.1	0.005-10.0	0.005-2.0	0.05-6.0	1-40.0	1-40.0	0.01-0.2	0.01-0.2
Zr	0.005-0.2	0.005-0.1							

LIMITS OF DETECTION FOR THE GNR MINILAB 300 in COPPER BASED MATERIALS