

3/27/2024 1:24:29 PM



Method: Light Elements | PP4 3/27/2024 1:14:20 PM

Name: Cu putih 1.

Grade ID: ECu (8/0/0)

Grade Alias: ECu

Duration of measurement: 12.0 s (2.0/10.0)

Symbol	Zn / %	Sn / %	Pb / %	Ni / %	Al / %	Fe / %	Si / %	Mn / %
Conc.	0.36	<.030	<.036	18.7	<0.27	<.007	<.042	<.006
U	± 0.04			± 0.2				

Symbol	Co / %	Cr / %	Se / %	Ti / %	Cu / %		
Conc.	<.007	<.005	.017	.026	80.9		
U			± .009	± .011	± 0.3		

Grade: ECu

Alias: ECu

Symbol	Al / %	Si / %	Cr / %	Mn / %	Fe / %	Co / %	Sn / %	Pb / %
Ext.Min								
Ext.Max	0.10	0.10	.050	0.10	0.20	.050	0.20	.010



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Method: Light Elements | PP4 3/27/2024 8:11:41 AM

Name: Cu putih 1

Grade ID: ECu (3% 8/0/0)

Grade Alias: ECu

Duration of measurement: 12.1 s (2.1/10.0)

Symbol	Zn / %	Sn / %	Pb / %	Ni / %	Al / %	Fe / %	Si / %	Mn / %
Conc.	0.34	<.041	<.040	12.3	<0.24	<.007	<.044	<.006
U	± 0.04			± 0.1				

Symbol	Co / %	Cr / %	Se / %	Cu / %		
Conc.	<.007	.011	.016	87.3		
U		± .010	± .010	± 0.3		

Grade: ECu

Alias: ECu

Symbol	Al / %	Si / %	Cr / %	Mn / %	Fe / %	Co / %	Sn / %	Pb / %
Ext.Min								
Ext.Max	0.10	0.10	.050	0.10	0.20	.050	0.20	.010