

8/23/2024 8:16:56 AM



Method: Light Elements | PP4 8/23/2024 8:09:32 AM

Name: tembaga serbuk 3..

Grade ID: C31000 (13% 7/0/0)

Grade Alias: C31000

Duration of measurement: 12.1 s (2.0/10.1)

Symbol	Sn / %	Pb / %	Ni / %	Al / %	Fe / %	Si / %	P/%	Co / %
Conc.	<.032	0.33	0.36	<0.17	<.005	0.29	8.75	<.007
U		± 0.06	± 0.03			± 0.08	± 0.13	

Symbol	Cr / %	Se / %	Cu / %			
Conc.	<.004	.012	90.3			
U		± .009	± 0.3			

Grade: C31000

Alias: C31000

Symbol	Al / %	Cr / %	Fe / %	Co / %	Cu / %	Sn / %	Pb / %	
Ext.Min					89.0		0.30	
Ext.Max	0.20	.050	0.10	.050	91.0	0.20	0.70	

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Method: Light Elements | PP4 8/23/2024 8:08:53 AM

Name: tembaga serbuk 3.

Grade ID: C31400 (36% 5/3/0)

Grade Alias: C31400

Duration of measurement: 12.2 s (2.1/10.1)

Symbol	Zn / %	Sn / %	Pb / %	Ni / %	Al / %	Fe / %	Si / %	P/%
Conc.	.055	0.17	2.89	0.79	<0.10	.076	0.17	8.72
U	± .028	± 0.05	± 0.13	± 0.03		± .031	± 0.09	± 0.13

Symbol	Co / %	Cr / %	As / %	Se / %	Ti / %	Cu / %	
Conc.	<.005	<.003	0.10	.011	0.10	86.9	
U			± 0.05	± .011	± 0.02	± 0.3	

Grade: C31400

Alias: C31400

Symbol	Al / %	Cr / %	Fe / %	Co / %	Ni / %	Cu / %	Sn / %	Pb / %
Ext.Min						87.5		1.30
Ext.Max	0.20	.050	0.10	.050	0.70	90.5	0.20	2.50



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Method: Light Elements | PP4 8/23/2024 8:08:22 AM

Name: tembaga serbuk 3

Grade ID: No Match

Grade Alias:

Duration of measurement: 2.1 s (2.1/0.0)

Symbol	Zn / %	Sn / %	Pb / %	Ni / %	Fe / %	Cr / %	Se / %	Ti / %
Conc.	.083	0.61	7.33	1.03	0.30	0.20	.014	0.15
U	± .030	± 0.08	± 0.20	± 0.04	± 0.04	± 0.03	± .013	± 0.03

Symbol	Cu / %				
Conc.	90.3				
U	± 0.3				