

Material Review Report

@2023.Global Dental Lab

1. Alloy list

	Brand and Manufacturer	Composition	FDA
Precious gold	Argedent Bio 860Y, Argen	Au 86.5%, Pt 11.0%, Mn1.0%	K892708
	Captek	Au 84.5%, Pt 5.30%, Pd, 7.00%	K023831
	Argedent Y 73, Argen	Au 73.8%, Pt 8.5%, Pd 5.4%	K892708
	Argenco 56, Argen	Au 56%, Pd 4.11%, Ag 25.0%	K893568
	Argenco 40, Argen	Au 40%, Pd 4.95%, Ag 45.7%	K893413
	Argedent 54, Argen	Au 54.2%, Pd 31.0%, Ag 4.8%	K891989
	Argedent Euro, Argen	Au 40.3%, Pd 39.4%, Ag 10.0%	K961285
Semi Precious	Argelite 54B, Argen	Pd 53.5%, Ag 37.5%, Sn 8.3%	
	NobleBond, Argen	Ru 25%, Co 40%, Cr 24%, Ga 11%	Q015279
Non Precious	Argeloy N.P. Supreme, Argen	Co 61.0%, Cr 27.0%	K935829
	Argeloy N.P. ELLITE, Argen	Ni 62.00%, Cr 22.00%, W 11.00%	K893686

2. All ceramics

2.1 Sirona system with Ivoclar Block (IPS e.max Zir-cad)

2.2 3Shape system with SAGEMAX Zr blocks

2.3 IPS e.max press from Ivoclar

2.4 BruxZir Solid from Glidewell

3. Porcelain

Brand and Manufacturer	Composition	CE No.
IPS InLine® from Ivoclar, Liechtenstein	SiO ₂ 40-65%, Al ₂ O ₃ , B ₂ O ₃ ,	CE 0123
	BaO, CaO, CeO ₂ , K ₂ O, MgO,	
	Na ₂ O, P ₂ O ₅ , SnO ₂ , TiO ₂ ,	
	ZrO ₂ , Colorant	

4. Partial/Denture Material List

Brand and Manufacturer	Composition	Registration
Vitallium	Co 63.1%, Cr 28.5%	CE0197
BegoNon precious metal	Co 63.2%, Cr 29.3%	FDA CELRQ0957721/B
DentureBae Polymers		FDA NO.3499-5-2008.e
Desiccant		FDA CELRQ0957721/B

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Cosmo HXL		FDA DD60017692 0001
Herraeus		CE No. G1070243306046
Ivoclar		CE0197

5. Composite List

Brand and Manufacturer	Registration No.
Ceramage(Sho fu)	K050401
Adoro(Ivoclar Vivadent)	CE0123

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