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Results	Query	Domains (original links)
Unique	Streptococcus mutans is the main cause of caries	-
Unique	Caries can be prevented by using a topical application of fluoride	-
Unique	Calcium fluoride (CaF₂) within the anchovy can inhibit the occurrence of dental caries	-
Unique	Data were analyzed by Kruskal-Wallis test followed by Mann-Whitney test	-
Unique	The more concentration of the extract showed the more antimicrobial zone diameter	-
Unique	Key words: Anchovy extract (Stolephorus insularis), Streptococcus mutans, caries prevention, antimicrobial effect	-
Unique	Caries bacteria recommended fluoride adequacy rate include Streptococcus, Lactobacilli, was 1.5 4 mg/day.9 and Actinomyces.4 The Vol	-
247 results	The process of making Stolephorus insularis extracts performed at the Laboratory of Vol	bulletinofinsectology.org quizlet.com biotechnologyjournal.usamv.ro fpl.fs.fed.us quizlet.com cvi.asm.org horizon.documentation.ird.fr nrcresearchpress.com sciencedirect.com isca.in
Unique	After that, the disc is dipped in each solution was treated for 10 seconds	-
Unique	Incubated for 2x24 hours at 37oC in anaerobic jar in the incubator	-
Unique	K 1 6 ± 0,00 K 2 8,16 ± 0,93 P 1 7,11 ± 0,74 P 2 9,50 ± 0,50 P 3 10,78 ± 1,24 Picture	-
Unique	Homogeneity test is also one of the prior conditions to the parametric test	-

Unique	The homogeneity test using Levene test	-
366,000 results	Data can be said to satisfy □ □ Vol	ascd.org ijarcet.org obroncology.com arxiv.org hunterfiber.com ceur-ws.org martymodell.com iosrjournals.org ceur-ws.org aircconline.com
Unique	1 Februari 2016 ISSN : 1907-5987 the homogenous variance when $p > 0,05$	-
Unique	Thus, the parametric test requirements are not met	-
Unique	DISCUSSION This study used Stolephorus insularis extract with concentration of 3%, 6%, and 12%	-
Unique	Then researcher increased the concentration be doubled to 6% and 12%	-
Unique	It□s because Stolephorus insularis contains antimicrobial substances such as fluoride	-
Unique	1 Februari 2016 ISSN : 1907-5987 mm), and positive control NaF (8,16 mm)	-
Unique	BIBLIOGRAPHY Wala HC, Wicaksono DA, Tambunan	-
Unique	Kandidat Skripsi, Fakultas Kedokteran Gigi Universitas Sam Ratulangi Manado	-
Unique	2 Worotitjan I, Mintjelungan CN, Gunawan	-
Unique	Pencegahan Primer pada Anak yang Berisiko Karies Tinggi	-
Unique	Skripsi Fakultas Kedokteran Gigi Universitas Gajah Mada	-
Unique	Ilmu Kedokteran Gigi Pencegahan, Alih Bahasa Suryo S & Abyono	-
6 results	Yogyakarta: Gajah Mada University Press	ancient-origins.net personirfan17.blogspot.com en.wikipedia.org es.wikipedia.org id.wikipedia.org organisasiperilaku.blogspot.com
Unique	Identifikasi, Pencegahan, dan Restorasi sebagai Penatalaksanaan Karies Gigi pada Anak	-
12,300 results	Fakultas Kedokteran Gigi Universitas Padjadjaran Bandung	foursquare.com foursquare.com jurnal.ugm.ac.id jurnal.ugm.ac.id coursehero.com unmas.ac.id ortounpad.blogspot.com scribd.com
116 results	Penggunaan Fluor dalam Kedokteran Gigi	scribd.com pt.scribd.com dentosca.wordpress.com slideshare.net iopscience.iop.org coursehero.com pipikdilianti.blogspot.com yumpu.com ykgai.com pt.scribd.com
Unique	Program Profesi Fakultas Kedokteran Gigi Universitas Padjadjaran	-
Unique	Skripsi, Fakultas Kedokteran Gigi Universitas Indonesia	-

39 results	Ikan Teri Dapat Meningkatkan Ketahanan Email Gigi	scribd.com es.scribd.com scribd.com pt.scribd.com pt.scribd.com fr.scribd.com
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Unique	Pengaruh Tingkat pH Larutan Teri terhadap Perubahan Dimensi dan Kelarutan Kristal Apatit	-
Unique	Jurnal Anatomi Indonesia, 1(1): 29-25	-
Unique	Skripsi, Fakultas Pertanian Universitas Lampung	-
Unique	Usaha Perikanan Ikan Teri (Stolephorus sp	-
5 results	Andayani T, Hendrawan Y, Yulianingsih	repository.ump.ac.id farmasains.uhamka.ac.id jatp.ift.or.id
Unique	Jurnal Bioproses Komoditas Tropis, 2(2): 123	-
Unique	Skripsi, Fakultas Kedokteran Gigi Universitas Jember	-
Unique	1 Februari 2016 ISSN : 1907-5987 15	-
Unique	terhadap Streptococcus mutans dari Biosafety in Microbiological and Beberapa Pasta Gigi yang Mengandung Biomedical Laboratories	-
2,280 results	Fakultas Kedokteran Gigi Department of Health and Human Universitas Hasanuddin Makassar	med.unhas.ac.id researchgate.net foursquare.com youtube.com med.unhas.ac.id fkm.unhas.ac.id repository.unhas.ac.id dent.unhas.ac.id unhas.academia.edu lawfaculty.unhas.ac.id
Unique	Wan AKL, Seow WK, Walsh LJ, Bird PS	-
2 results	Teripang Emas (Stichopus hermanii) 2002	en.wikipedia.org penyakitpneumonia.com
Unique	Comparison of Five Selective terhadap Bakteri Enterococcus faecalis	-
Unique	Media for The Growth and Enumeration Skripsi, Fakultas Kedokteran Gigi of Streptococcus mutans	-
6 results	Australian Universitas Hang Tuah Surabaya	astra.co.id en.wikipedia.org en.wikipedia.org id.wikipedia.org wikimapia.org stuartbruce.net
Unique	Dental Journal, 47(1): 26-21	-
Unique	Etanol Pegangan (Centella asiatica (L	-

247 results	)Evaluation of Some Medicinal PlantsUrban)sebagai AlternatifMedikamenUsed in Traditional Wound HealingSaluranAkarterhadapPorphyromonasPreparationsforAntibacterialPropertygingivalis (secara In Vitro)	researchgate.net japsonline.com idosi.org sphinxsai.com researchgate.net article.sciencepublishinggroup.com sciencedirect.com vetscan.co.in ijpsr.com scialert.net
1 results	Skripsi.AgainstSomePathogenicBacteria	koleksidapus.blogspot.com
Unique	FakultasKedokteranGigiUniversitasJournal of Clinical Immunology andSumatera Utara	-
15 results	Immunopathology Research, 1(1): 012-18	en.wikipedia.org ageofautism.com en.wikipedia.org hbo2therapeutics.com tilsinbreastcancer.org eurofinsgenomics.eu barefacedtruth.com cabi.org hesc.co.za it.wikipedia.org
30 results	InternationalEdition	edition.cnn.com onlinelibrary.wiley.com scmp.com ethnologue.com theguardian.com score-international.com who.int ecma-international.org amazon.com spiegel.de
247 results	EfekPearson Education Inc and PearsonAntibakteri EkstrakKulit Buah DelimaBenjamin Cummings	researchgate.net researchgate.net eprints.undip.ac.id mizu.lecture.ub.ac.id cikguheery.blogspot.com s3.amazonaws.com cikquadura.files.wordpress.com educ.upm.edu.my elsevier.com digitalcommons.sacredheart.edu
Unique	(Granatifructuscortex)pada19	-
2,120 results	Perbedaan TopikalStreptococcus mutans In Vitro	en.wikipedia.org scielo.br digitalcommons.unl.edu nopr.niscair.res.in scribd.com ncbi.nlm.nih.gov youtube.com e-journal.unair.ac.id eprints.undip.ac.id jurnal.unpad.ac.id
Unique	Journal ofAplikasi Bahan Casein Phosphopeptide-Dentistry Indonesia, 20 (1): 8-5	-
16 results	Amorphous Calcium Phosphate (CPP-25	breezecare.com.au oralhealthgroup.com breezecare.com.au chemdot.com profimed.cz viechnicki.com paleohacks.com en.wikipedia.org screening.iarc.fr scribd.com
Unique	AvailableACP) dan Bahan Sodium FluoridefromterhadapJumlahKoloni Streptococcus HYPERLINK "https://www	-
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Unique	%20December%2025" OPIKAL-FLUOR	-
Unique	Skripsi, Fakultas kedokteran Gigi HYPERLINK "https://www	-
Unique	scribd.com/doc/30062773/TOPIKAL-FLUOR	-
Unique	%20December%2025" 25, 2015 Universitas Hasanuddin	-
247 results	Uji Daya Mengandung Xylitol dan Fluoride Antibakteri Ekstrak Daun Salam Dibandingkan Pasta Gigi Mengandung (Eugenia polyantha Wight) dalam Pasta Fluoride terhadap Plak Gigi	e-journal.biologi.lipi.go.id journal.uin-alauddin.ac.id eprints.undip.ac.id neliti.com journal.bio.unsoed.ac.id slideshare.net jitek.ub.ac.id jdentistry.ui.ac.id
2 results	Skripsi Gigi terhadap Pertumbuhan Fakultas Kedokteran Umum Universitas Streptococcus mutans	contohskripsi.idtesis.com contohskripsi.idtesis.com
2 results	 Kedokteran Gigi Universitas Jember	contohskripsi.idtesis.com dentaljuce.com
Unique	Gigi Fakultas Kedokteran Gigi Universitas Hang Tuah ABSTRACT Background: Dental and oral diseases which are	-
Unique	The Anchovy (Stolephorus insularis) contains protein, vitamins (A, B1, C), and minerals (Fe, Ca,	-
Unique	Purpose: The aim of this study was to determine the antimicrobial ability of anchovy	-
Unique	Materials and Methods: This study was a laboratory experimental research with post test only	-
Unique	used NaF solution, and 3 concentrations of anchovy extract (Stolephorus insularis) 3%, 6%, and 12%.	-
Unique	Antimicrobial was assessed by measuring the diameter of the clear zone around the discs	-
Unique	Result: The results from this study showed clear zone around the discs of the	-
Unique	9,5 mm, 12% 10,78 mm, for the negative control DMSO 1% 6 mm and the	-
Unique	The largest diameter of the clear zone was at concentration of 12% (P	-
Unique	Conclusion: The anchovy extract (Stolephorus insularis) had an antimicrobial effect to the growth of	-
Unique	Correspondence: Istien Wardani, Bagian IKGA, Fakultas Kedokteran Gigi Universitas Hang Tuah., Arif Rahman Hakim	-
Unique	1 Februari 2016 ISSN : 1907-5987 BACKGROUND microorganisms produce organic acids Dental and oral diseases which especially	-
20 results	of caries The main problem in the oral prevention is by using fluorine as a health of children	cdc.gov fao.org en.wikipedia.org en.wikipedia.org slweb.org ahealedplanet.net nidcr.nih.gov mgwater.com anthromed.org shirleys-wellness-cafe.com

Unique	more children the necessary precautions resistant to caries.5 The purpose of the through plaque control, dietary habits use of fluorine is an	-
Unique	be prevented.3 Caries is acidic email, speed up the progressive because of the remineralization process, and inhibit accumulation of activity that can be the action of bacterial enzymes detected by	-
Unique	Fluor residing tooth surface (pit, fissure, and the in biofilms will inhibit bacteria work interproximal zone) to	-
Unique	the mechanism of caries inhibition by microorganisms (bacteria), the fluoride can be achieved at lower substrate, and the time.1 concentrations (< 100	-
247 results	(host), the accumulation of fluoride in the matrix, bacteria that caused caries, and the forming a "ottled enamel".5	rdhmag.com oralhealthgroup.com bir.brandeis.edu fluoridealert.org quizlet.com hhmi.org quizlet.com greenfacts.org ada.org fluorideexposed.org
Unique	fluoride results because of its ability gradually removing fluorine and also acts as a fluorine	-
Unique	However, these compounds are not widely used in dentistry because it is difficult to	-
Unique	8 So that the fluorine content of Stolephorus insularis studied by students of Dentistry	-
Unique	coastal subdistrict, Sidoarjo regency is an area of inshore waters, so Stolephorus insularis is one	-
Unique	of microbial growth.13 Fluor in bacteria works bacteriostatic, inhibits cell proliferation by inhibiting the synthesis	-
Unique	 effective concentration of Stolephorus insularis extract as antimicrobials against the growth of Streptococcus	-
Unique	MATERIALS AND METHODS This research is kind of true experimental, with the study design	-
Unique	The samapling technique using simple random sampling, is to divide the subjects into five	-
Unique	3% extract, P2 were given Stolephrous insularis 6% extract, P3 were given Stolephrous insularis 12%	-
Unique	mm, cotton swab, syringe, densicheck (bacterial turbidity measuring device), cryotube, cryotube rack, tweezer, biological safety	-
Unique	with various concentrations (3%, 6%, 12%), NaF solution, ethanol 96%, DMSO 1% solution, NaCl sterile	-
Unique	1 Februari 2016 ISSN : 1907-5987 Phytochemistry Faculty of Pharmacy, University of Widya Mandala	-
Unique	Purchase Streptococcus mutans bacteria and experimental research conducted at the Laboratory of Microbiology of	-
Unique	The initial step of this study begins by creating a culture of Streptococcus mutans	-
Unique	Then prepare for sterile TYC media into five research groups, each sample consisting of	-
Unique	of Mc Farland 0,5 solution and then rubbed on the entire surface of the plate	-

Unique	Then the disc affixed to the TYC agar which have inhaled the Streptococcus mutans	-
Unique	After that, measured the diameter of the antimicrobial zone is formed in the form	-
Unique	of the results, then test hypotheses using analytic statistical significant level of 95% ($p < 0.05$) using	-
Unique	Results of average and standart deviation of the antimicrobial potency in each treatment group	-
Unique	groups Before performing hypothesis testing research results, then normality test first, because the normality test	-
Unique	Normality test used is Shapiro-Wilk test, because the number of research subjects are less	-
Unique	This test aims to determine whether the data obtained normal distribution or not with	-
Unique	and if the data are not normally distributed ($p < 0.05$), then followed by	-
Unique	The test results for normality using the Shapiro-Wilk test in table 2 shows all	-
Unique	If $p < 0.05$ then the data does not have a homogenous variances thus qualified to	-
Unique	Significancy Test homogeneity of variance showed score 0.000 ($p < 0.05$), It can be	-
Unique	From the results of homogeneity test data, It can be concluded that the data	-
Unique	Therefore the terms of parametric test are not met, the data are normal distributed	-
Unique	Kruskal-Wallis test was used to determine the potency antimicrobial differences in Streptococcus mutans each	-
Unique	Based on the Kruskal-Wallis test results in table 4 of significance value of 0.000	-
Unique	know that the group has significant difference potency antimicrobial by comparing between the two groups	-
Unique	of antimicrobial potency ($p < 0.05$) in group K1 with the entire treatment group, group K2	-
Unique	While the K2 group with P1 and P2 group showed no significant difference potency	-
Unique	So also in the P2 group with P3 group showed no significant difference potency	-
Unique	Streptococcus mutans (0.75%) ¹⁵ with the highest fluoride content of 38.3 ppm Stolephorus insularis, ¹⁰ so the	-
Unique	may be fully extracted. ¹⁷ Then Stolephorus insularis powder which already dissolved in 96% ethanol, evaporated	-
Unique	Rotary evaporator is used as a solvent vaporizer because It can vaporize until below	-
Unique	dominant agent of human dental caries. ²⁰ Caries can be triggered by consumption of foods and	-
Unique	atmosphere perfectly, ¹⁸ allowed to stand at a temperature of 37o for 48 hours. ²⁰ TYC media	-

Unique	insularis extract had antimicrobial power against the Streptococcus mutans bacteria in all treatment groups with	-
Unique	At a concentration 3% and 6% antimicrobial power of Stolephorus insularis extract not much	-
Unique	At a concentration of 12%, the antimicrobial power of Stolephorus insularis extract is greater	-
Unique	(p<0,05) which showed a significant difference in all groups, then followed by Mann-Whitney test to	-
Unique	Based on the research, It seemed that the greater concentration of Stolephorus insularis extract	-
1 results	It's because the higher concentration of Stolephorus insularis extract, the concentration of active ingredient	docplayer.info
Unique	The averages of antimicrobial at a concentration 3% (7,11 mm), 6% (9,5 mm), 12%	-
Unique	extract against the growth of Streptococcus mutans bacteria at a concentration of 3%, 6%, dan	-
Unique	The results showed that the highest concentration of the antimicrobial power which is 12%	-
Unique	Henceforth, quantitative research needs to be done to determine the decrease in the number	-
Unique	CONCLUSION Based on the results of the study, the anchovy extract (Stolephorus insularis) has	-
Unique	Gambaran Status Karies Gigi Anak Usia 11-12 Tahun pada Keluarga Pemegang Jamkesmas di Kelurahan	-
86 results	Pengalaman Karies Gigi serta Pola Makan dan Minum pada Anak Sekolah Dasar di Desa	download.portalgaruda.org ejournal.unsrat.ac.id academia.edu e-journal.unair.ac.id scribd.com ppjp.unlam.ac.id pt.scribd.com proposalkariesgigianak.blogspot.com e-journal.unair.ac.id adj.fkg.unand.ac.id
Unique	Pengaruh Cara Pengolahan dan Jumlah Daun Sirih Merah (Pipercrocatum) terhadap □ □ Pertumbuhan Lactobacillus	-
Unique	Pengaruh Aplikasi Substrat Ikan Teri Jengki (Stolephorus insularis) terhadap Tingkat Retensi Fluor pada Email	-
Unique	Pemanfaatan Tepung Kepala Ikan Teri Jengki (Stolephorus insularis) sebagai Bahan Substitusi Tepung Ikan dalam	-
Unique	) dengan Alat Tangkap Bagan Tancap di Desa Bukit Aru Indah Kecamatan Sebatik Timur Kabupaten	-
Unique	Minyak Atsiri Daun Sirih Merah (Piper crocatum) sebagai Pengawet Alami pada Ikan Teri (Stolephorus	-
Unique	Perbedaan Daya Antibakteri Bahan Perekat Braket Ortodonsi antara Semen Ionomer Kaca dengan Resin Komposit	-

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Vol. 10 No. 1 Februari 2016 ISSN : 1907-5987 RESEARCH ARTICLE The Effect of Staphylococcus Aureus on Anchovy Concentration (Stolephorus insularis) as Antimicrobial to Streptococcus mutans (In Vitro) Almira Faqih Zah, Istien Wardani, Diana Soesilo** Undergraduate Fakultas Kedokteran Gigi Universitas Hang Tuah ***Konservasi Gigi Fakultas Kedokteran Gigi Universitas Hang Tuah ABSTRACT Background: Dental and oral diseases which are often found in children is dental caries. Streptococcus mutans is the main cause of caries. Caries can be prevented by using a topical application of fluoride. The Anchovy (Stolephorus insularis) contains protein, vitamins (A, B1, C), and minerals (Fe, Ca, K, F). Calcium fluoride (CaF₂) within the anchovy can inhibit the occurrence of dental caries. Purpose: The aim of this study was to determine the antimicrobial ability of anchovy extract (Stolephorus insularis) to Streptococcus mutans. Materials and Methods: This study was a laboratory experimental research with post test only control group design. Diffusion method were applied with 2 controls: negative control used DMSO 1%, positive control used NaF solution, and 3 concentrations of anchovy extract (Stolephorus insularis) 3%, 6%, and 12%, each group were composed of 6 samples. Antimicrobial was assessed by measuring the diameter of the clear zone around the discs contained the anchovy extract (Stolephorus insularis). Data were analyzed by Kruskal-Wallis test followed by Mann-Whitney test. Result: The results from this study showed clear zone around the discs of the anchovy extract (Stolephorus insularis). The more concentration of the extract showed the more antimicrobial zone diameter. The average zone of antimicrobial at the concentration of 3% were 7,11 mm, 6%, 9,5 mm, 12%, 10,78 mm, for the negative control DMSO 1% 6 mm and the positive control NaF solution 8,16 mm. The largest diameter of the clear zone was at concentration of 12% (P < 0,05). Conclusion: The anchovy extract (Stolephorus insularis) had an antimicrobial effect to the growth of Streptococcus mutans. Keywords: Anchovy extract (Stolephorus insularis), Streptococcus mutans, caries prevention, antimicrobial effect. Correspondence: Istien Wardani, Bagian KGA, Fakultas Kedokteran Gigi Universitas Hang Tuah, Arif Rahman Hakim 150, Surabaya, Phone 031-5945864, 5912191, Email: istienwardani@yahoo.com [istienwardani@yahoo.com] [Vol. 10 No. 1 Februari 2016 ISSN : 1907-5987 BACKGROUND] microorganisms produce organic acids [1] Dental and oral diseases which especially lactic acid by fermenting [2] are often found in societies is dental [3] carbohydrates on the surface of the [4] caries. This disease not only affects [5] teeth resulting in decreased salivary [6] adults, but also often suffered by [7] pH (below 5,5) which resulted [8] children. 1 Based on the basic health [9] demineralised tooth surface and then [10] research (Risesdas) in 2007 the [11] forming small holes called dental [12] prevalence of active caries in [13] caries. 4 Streptococcus mutans is very [14] Indonesia amounted to 46.5% [2] meaningful recognized as the cause of [15] Meanwhile, according to the data from [16] dental caries. 5 [17] Health Ministry of Republic Indonesia [18] Emphasizing [19] prevention [20] (Kemenkes) in 2009, as many as 89% [21] caries in the oral environment returns [22] of Indonesian children under the age of [23] imbalance as a protective mechanism [24] 12 years suffer from dental caries. 1 [25] of remineralization. 6 [26] One of caries [27] The main problem in the oral [28] prevention is by using fluoride as a [29] health of children is dental caries. [30] Topical application [31] mouthwash [32] and [33] Dental caries is an infectious disease [34] toothpaste. 7 [35] that is closely related to the [36] use of [37] fluoride [38] consumption of foods and beverages [39] recommended by doctor and dentist so [40] that contain cariogenic ingredients. 2 [41] In [42] that the teeth become harder and more [43] children [44] the necessary [45] precautions resistant to caries. 5 The purpose of the [46] through plaque control, dietary habits [47] use of fluoride is an attempt to protect [48] (consumption of foods and drinks) [49] the teeth from caries. Fluor works by [50] containing [51] sugar. [52] Oral [53] hygiene [54] inhibiting the metabolism of plaque [55] fluoride [56] usage [57] sealant [58] and [59] bacteria [60] that [61] can [62] ferment [63] mouthwash. 3 [64] carbohydrates [65] through [66] changes [67] Dental caries is an infectious [68] hydroxyapatite (Ca₁₀(PO₄)₆(OH)₂) the [69] disease [70] that [71] came [72] from [73] the [74] enamel [75] becomes [76] fluorapatite [77] demineralization in hard tissue of the [78] (Ca₁₀(PO₄)₆F₂). 3 [79] Fluorapatite [80] crown and root surface of the tooth [81] formation can decrease solubility in [82] that can be prevented. 3 Caries is [83] acidic [84] email [85] speed [86] up [87] the [88] progressive [89] because [90] of [91] the [92] remineralization [93] process [94] and [95] inhibit [96] accumulation of activity that can be [97] the action of bacterial enzymes [98] [99] detected by tissue damage from the [100] antimicrobial activity. Fluor residing [101] tooth surface (pit, fissure, and the [102] in biofilms) will inhibit bacteria work [103] [104] interproximal zone) to extend into the [105] synthesizing enzyme enolase so that [106] pulp tissue. The main factor that [107] bacteria can not produce acid. 8 [108] The [109] caused caries is the host (teeth), the [110] mechanism of caries inhibition by [111] microorganisms (bacteria), [112] the [113] fluoride can be achieved at lower [114] substrate, and the time. 1 [115] concentrations (< 100 µg/ml). If the [116] Demineralization of dental caries [117] fluoride is used too much, can lead to [118] caused by susceptible (host), [119] the accumulation of fluoride in the matrix [120] bacteria that caused caries, and the [121] forming a [122] "rotten enamel". 5 The [123] substrate for bacteria. Caries bacteria [124] recommended fluoride adequacy [125] rate [126] include Streptococcus, Lactobacilli, [127] was 1.574 mg/day. 9 [128] and [129] Actinomyces. 4 [130] The [131] [132] [133] [134] [135] [136] [137] [138] [139] [140] [141] [142] [143] [144] [145] [146] [147] [148] [149] [150] [151] [152] [153] [154] [155] [156] [157] [158] [159] [160] [161] [162] [163] [164] [165] [166] [167] [168] [169] [170] [171] [172] [173] [174] [175] [176] [177] [178] [179] [180] [181] [182] [183] [184] [185] [186] [187] [188] [189] [190] [191] [192] [193] [194] [195] [196] [197] [198] [199] [200] [201] [202] [203] [204] [205] [206] [207] [208] [209] [210] [211] [212] [213] [214] [215] [216] [217] [218] [219] [220] [221] [222] [223] [224] [225] [226] [227] [228] [229] [230] [231] [232] [233] [234] [235] [236] [237] [238] [239] [240] [241] [242] [243] [244] [245] [246] [247] [248] [249] [250] [251] [252] [253] [254] [255] [256] [257] [258] [259] [260] [261] [262] [263] [264] [265] [266] [267] [268] [269] [270] [271] [272] [273] [274] [275] [276] [277] [278] [279] [280] [281] [282] [283] [284] [285] [286] [287] [288] [289] [290] [291] [292] [293] [294] [295] [296] [297] [298] [299] [300] [301] [302] [303] [304] [305] [306] [307] [308] [309] [310] [311] [312] [313] [314] [315] [316] [317] [318] [319] [320] [321] [322] [323] [324] [325] [326] [327] [328] [329] [330] [331] [332] [333] [334] [335] [336] [337] [338] [339] [340] [341] [342] [343] [344] [345] [346] [347] [348] [349] [350] [351] [352] [353] [354] [355] [356] [357] [358] [359] [360] [361] [362] [363] [364] [365] [366] [367] [368] [369] [370] [371] [372] [373] [374] [375] [376] [377] [378] [379] [380] [381] [382] [383] [384] [385] [386] [387] [388] [389] [390] [391] [392] [393] [394] [395] [396] [397] [398] [399] [400] [401] [402] [403] [404] [405] [406] [407] [408] [409] [410] [411] [412] [413] [414] [415] [416] [417] [418] [419] [420] [421] [422] [423] [424] [425] [426] [427] [428] [429] [430] [431] [432] [433] [434] [435] [436] [437] [438] [439] [440] [441] [442] [443] [444] [445] [446] [447] [448] [449] [450] [451] [452] [453] [454] [455] [456] [457] [458] [459] [460] [461] [462] [463] [464] [465] [466] [467] [468] [469] [470] [471] [472] [473] [474] [475] [476] [477] [478] [479] [480] [481] [482] [483] [484] [485] [486] [487] [488] [489] [490] [491] [492] [493] [494] [495] [496] [497] [498] [499] [500] [501] [502] [503] [504] [505] [506] [507] [508] [509] [510] [511] [512] [513] [514] [515] [516] [517] [518] [519] [520] [521] [522] [523] [524] [525] [526] [527] [528] [529] [530] [531] [532] [533] [534] [535] [536] [537] [538] [539] [540] [541] [542] [543] [544] [545] [546] [547] [548] [549] [550] [551] [552] [553] [554] [555