



Hydrosol Microbiology Results

Calendula officinalis

Year Distilled

2012

USA

0

CHI1000

Anatek Labs

160620020-001

Date Submitted

6/20/2016

Fungus

Pencillium sp

124



Hydrosol Microbiology Results

Myrica gale

Year Distilled

2012

13

CHI1013

Anatek Labs

130322033-001

Date Submitted

3/22/2013

Fungus

Pencillium sp

4



penicillium



Hydrosol Microbiology Results

Hamamelis virginiana

Year Distilled

2012

14

CHI1015

Sagescript Labs

Date Submitted 4/1/2013

Fungus	0
Bacteria	0

no counts

CHI1016

Anatek Labs

130322033-002

Date Submitted 3/22/2013

Fungus	Non-sporulating fungi	1
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Hydrosol Microbiology Results

Commiphora myrrha

Year Distilled

2012

USA

17

CHI1017

Anatek Labs

160802021-007

Date Submitted

8/2/2016

Fungus	Cladosporium	24
Bacteria	Bacillus sp.	4

qualifying and quantifying duplicate



Unidentified Bacteria

CHI1017-1

Sagescript Labs

Date Submitted

4/1/2013

Bacteria	Unidentified Bacteria	102
Fungus	Unidentified Fungal	156

grey



Hydrosol Microbiology Results

Commiphora myrrha

Year Distilled

2012

USA

CHI1018

Anatek Labs

130322033-003

Date Submitted

3/22/2013

Fungus

Cladosporium

18



Cladosporium



Hydrosol Microbiology Results

Helichrysum italicum

Year Distilled

2014

123

CHI1123

Anatek Labs

150903053-002

Date Submitted

9/3/2015

Fungus	Pencillium sp	105
Bacteria		0

no whtie mass in sample



Hydrosol Microbiology Results

Rosa spp

Year Distilled

126

CHI1126

Anatek Labs

150903053-006

Date Submitted

9/3/2015

Bacteria

0

Fungus

0

no visible signs of contamination



Hydrosol Microbiology Results

Matricaria chamomilla

Year Distilled

2014

127

CHI1127

Anatek Labs

150903053-004

Date Submitted

9/3/2015

Fungus

0

Bacteria

0

has visible precipitate



Hydrosol Microbiology Results

Rosa spp

Year Distilled

India

129

CHI1129

Anatek Labs

150903053-003

Date Submitted

9/3/2015

Fungus	0
Bacteria	0



Hydrosol Microbiology Results

Jasminum species unknown

Year Distilled

2016

india

158

1158

Anatek Labs

160630006-002

Date Submitted

6/30/2016

Fungus	Scopulariopsis	1
Bacteria	Actinomycetes	300
Bacteria	Ralstonia sp.	300
Bacteria	Roseomonas sp.	300



Hydrosol Microbiology Results

Melissa officinalis

Year Distilled

2016

india

161

1161

Anatek Labs

160630006-005

Date Submitted

8/2/2016

Bacteria	Actinomycetes	300
Bacteria	Bacillus sp.	300
Bacteria	Ralstonia sp.	300



Hydrosol Microbiology Results

Salvia sclarea

Year Distilled

2016

india

162

1162

Anatek Labs

160630006-006

Date Submitted

6/30/2016

Fungus	Cladosporium	1
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Hydrosol Microbiology Results

Hypericum perforatum

Year Distilled

2014

USA

172

CHI1168-1

Anatek Labs

160802021-004

Date Submitted

8/2/2016

Bacteria	Bacillus sp.	3
Bacteria	Curtobacterium sp.	1
Fungus	Acremonium	1
Fungus	Cladosporium	2
Fungus	Yeasts	3



Fungal

Hydrosol Microbiology Results

Sambucus caerulea

Year Distilled

2006

usa

173

CHI1167

Anatek Labs

160802021-003

Date Submitted

8/2/2016

Bacteria	Actinomycetes	1
Fungus	Alternaria	1
Fungus	Cladosporium	1
Fungus	Pencillium sp	1
Bacteria	Curtobacterium sp.	1
Bacteria	Staphylococcus sp	1



Fungal



Bacteria



Unfiltered



Filtered



Hydrosol Microbiology Results

Salvia sclarea

Year Distilled

2006

USA

174

CHI1166

Anatek Labs

160802021-002

Date Submitted

8/2/2016

Bacteria	22
Fungus	22



Hydrosol Microbiology Results

Daucus carota

Year Distilled

2015

175

Anatek Labs

160802021-001

Date Submitted

8/2/2016

Bacteria	0
Fungus	1



Hydrosol Microbiology Results

Matricaria chamomilla

Year Distilled

2011

USA

176

CHI1170

Anatek Labs

160802021-006

Date Submitted

8/2/2016

Bacteria	Curtobacterium sp.	300
Bacteria	Microbacterium sp.	300
Fungus	Aureobasidium	90
Fungus	Cladosporium	16



Hydrosol Microbiology Results

Rose sp

Year Distilled

182

Date Submitted

Bacteria	Actinomycetes	34
Fungus	Aureobasidium	32



Hydrosol Microbiology Results

Thymus x citriodorus

Year Distilled

2014

USA

183

Sagescript Labs

Date Submitted

1/9/2017

Bacteria	Acremonium	2
Fungus	Actinomycetes	1

Memo on micro test



Hydrosol Microbiology Results

Eucalyptus sideroxylon

Year Distilled

2017

usa

184

CHI1208

CH Lab

Date Submitted

Bacteria	0
Fungus	0

paddle test



Hydrosol Microbiology Results

Rosmarinus officinalis

Year Distilled

2016

Syria

195

CHI1187

Anatek Labs

161219010-006

Date Submitted

12/14/2016

Fungus

Cladosporium

147



Hydrosol Microbiology Results

Rosmarinus officinalis

Year Distilled

2016

Syria

196

CHI1188

Anatek Labs

161219010-007

Date Submitted

12/14/2016

Bacteria		114
Fungus	Cladosporium	93



Hydrosol Microbiology Results

Melissa officinalis

Year Distilled

USA

197

CHI1189

Anatek Labs

161219010-008

Date Submitted

12/14/2016

Fungus	Cladosporium	145
Bacteria	Unidentified Bacteria	0



Hydrosol Microbiology Results

Santalum paniculatum

Year Distilled

2017

USA

211

CHI1197-1

Anatek Labs

170228026-006

Date Submitted

2/27/2016

Fungus	0
Bacteria	0



Hydrosol Microbiology Results

Citrus aurantium

Year Distilled

USA

216

CHI1215

CH Lab

Date Submitted

3/6/2017

Bacteria	Unidentified Bacteria	100000
Fungus	Unidentified Bacteria	1000

paddle test- positive for bacteria & fungal @ 48 hours



Bacteria-1215



Fungal-1215



Hydrosol Microbiology Results

Melissa officinalis

Year Distilled

2016

USA

221

CHI1221

CH Lab

Date Submitted

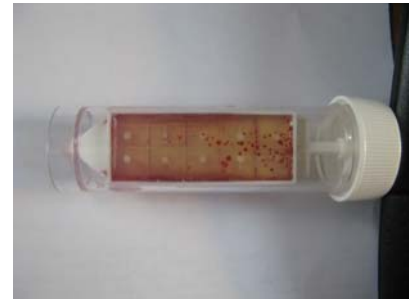
3/7/2017

Bacteria

Unidentified Bacteria

100

paddle test-positive for bacteria @48 Hours.



Bacteria-1221



Hydrosol Microbiology Results

Boswellia cartwell

Year Distilled

USA

222

CHI1230

CH Lab

Date Submitted

3/11/2016

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle- nagative



Hydrosol Microbiology Results

Jasminum species unknown

Year Distilled

226

CHI1231

CH Lab

Date Submitted

3/11/2016

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle- negative



Hydrosol Microbiology Results

Citrus species unknown

Year Distilled

227

CHI1232

CH Lab

Date Submitted

3/11/2016

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Hyssopus officinalis

Year Distilled

228

CHI1233

CH Lab

Date Submitted

3/11/2016

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Salvia sclarea

Year Distilled

229

CHI1234

CH Lab

Date Submitted

3/11/2016

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Melissa officinalis

Year Distilled

230

CHI1235

CH Lab

Date Submitted

3/11/2016

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Bacteria	0

paddle-negative



Hydrosol Microbiology Results

Levisticum officinale

Year Distilled

231

CHI1236

CH Lab

Date Submitted

3/4/2017

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Nepeta cataria

Year Distilled

232

CHI1237

CH Lab

Date Submitted

3/11/2017

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Boswellia serrata

Year Distilled

233

CHI1238

CH Lab

Date Submitted

3/11/2017

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Eucalyptus species unknown

Year Distilled

USA

234

CHI1239

CH Lab

Date Submitted

3/11/2017

Bacteria	Unidentified Bacteria	0
Fungus	Unidentified Fungal	0

paddle-negative



Hydrosol Microbiology Results

Aloysia citriodora syn *Lippia citrio* Year Distilled

2017

USA

300

CHI1255

Anatek Labs

170922015-002

Date Submitted

9/21/2017

Bacteria	Pseudomonas sp	92
Bacteria	Staphylococcus sp	1
Fungus	Non-sporulating fungi	1

TNTC on lab report for bacteria



Hydrosol Microbiology Results

Plectranthus amboinicus

Year Distilled

302

CHI1254

Anatek Labs

170922015-001

Date Submitted

9/21/2017

Fungus	0
Bacteria	0

Not Detected