**Tabel 12.1 Data uji organoleptik warna bekasam kering ikan lele sangkuriang.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Konsentrasi garam(a) | Konsentrasi nasi tiwul(b) |  | Kelompok ulangan |  | Total perlakuan | Rata-rata |
|  |  | 1 | 2 | 3 |  |  |
|  | b1 | 3,8 | 3,93 | 3,73 | 11,46 | 3,82 |
| a1 | b2 | 3,27 | 3,26 | 3,13 | 9,66 | 3,22 |
|  | b3 | 3,13 | 3,13 | 3,33 | 9,59 | 3,19 |
| Subtotal |  |  |  |  | 30,73 |  |
| Rata-rata |  |  |  |  | 3,41 |  |
|  | b1 | 3 | 3,27 | 3,60 | 9,87 | 3,29 |
| a2 | b2 | 2,93 | 3,33 | 3,20 | 9,46 | 3,15 |
|  | b3 | 3,2 | 3,33 | 2,93 | 9,46 | 3,15 |
| Subtotal |  |  |  |  | 28,80 |  |
| Rata-rata |  |  |  |  | 3,2 |  |
|  | b1 | 3,07 | 3,20 | 3,13 | 9,4 | 3,13 |
| a3 | b2 | 2,93 | 2,67 | 3,07 | 8,67 | 2,89 |
|  | b3 | 2,6 | 2,93 | 3,13 | 8,66 | 2,88 |
| Subtotal |  |  |  |  | 26,73 |  |
| Rata-rata |  |  |  |  | 2,97 |  |
|  | Total | 27,93 | 29,07 | 29,27 | 86,27 | 28,75 |
|  |  |  |  |  |  |  |

**Tabel 12.2 Data Hasil transformasi warna diubah ke dalam rumus** $\sqrt{x+0,5}$

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Konsentrasi garam(a) | Konsentrasi nasi tiwul(b) |  | Kelompok ulangan |  | Total perlakuan | Rata-rata |
|  |  | 1 | 2 | 3 |  |  |
|  | b1 | 2,0712 | 2,1046 | 2,0545 | 6,2303 | 2,0767 |
| a1 | b2 | 1,9376 | 1,9376 | 1,9042 | 5,7794 | 1,9264 |
|  | b3 | 1,9042 | 1,9042 | 1,9499 | 5,7583 | 1,9194 |
| Subtotal |  |  |  |  | 17,768 |  |
| Rata-rata |  |  |  |  | 1,9742 |  |
|  | b1 | 1,8682 | 1,9376 | 2,0211 | 5,8269 | 1,9423 |
| a2 | b2 | 1,8489 | 1,9543 | 1,9209 | 5,7241 | 1,9080 |
|  | b3 | 1,9209 | 1,9543 | 1,8266 | 5,7018 | 1,9006 |
| Subtotal |  |  |  |  | 17,2528 |  |
| Rata-rata |  |  |  |  | 1,9169 |  |
|  | b1 | 1,8823 | 1,9183 | 1,9016 | 5,0722 | 1,9007 |
| a3 | b2 | 1,8463 | 1,7743 | 1,8849 | 5,5055 | 1,8351 |
|  | b3 | 1,7550 | 1,8515 | 1,9042 | 5,5107 | 1,8369 |
| Subtotal |  |  |  |  | 15,6384 |  |
| Rata-rata |  |  |  |  | 1,7376 |  |
|  | Total | 17,0347 | 17,3368 | 17,3681 | 51,7397 | 17,2465 |
|  | Rata-rata | 1.8927 | 1,9263 | 1,9297 |  |  |

**Tabel 12.3. Perhitungan uji organoleptik warna bekasam**

FK = $\frac{(51,7397)2}{27}= $99,1479

JKT = (2,0712)2 + (2,1046)2+(2,0545)2 +…+(1,9042)2 - 99,148= 0,1681

JKK = $\frac{\left(17,0347\right)2+\left(17,3368\right)2+\left(17,3681\right)2 }{9}-99,148= $0,0075

JKA = $\frac{\left(6,2304+5,7795+5,7584\right)2+\left(5,8270+5,7242+5,7019\right)2+\left(5,7022+5,5055+5,5107\right)2}{9}-99,148= $0,0612

JKB = $\frac{\left(6.2304+5,827+5,7022\right)2+\left(5,7795+5,7242+5,5055\right)2+\left(5,7584+5,7019+5,5107\right)2}{9}-99,148= $0,0439

JKAB= $\frac{\left(6,2304\right)2+\left(5,7795\right)2+\left(5,7584\right)2+\left(5,827\right)2+\left(5,7242\right)2+\left(5,7019\right)2+\left(5,7022\right)2+\left(5,5055\right)2+\left(5,5107\right)2}{3}-99,1479-0,0612-0,0439 $ $= $0,0148

$ $JKG = 0,1664-0,0075-0,0617-0,0443-0,0144 = 0,0406

**Tabel 12.4 Tabel Data Anava uji organoleptik warna terhadap karakteristik bekasam kering ikan lele sangkuriang**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANAVA** |  |  |  |  |  |  |
| Sumber |   | db | JK | KT | F hitung | F Tabel |
| Keragaman |   |   |   |   |   | 5% |
| kelompok | 2 | 0.0075 |   |   |   |
| perlakuan |  |  |   |   |   |
| Faktor A |   | 2 | 0.0617 | 0.0306 | 12.061 | 3.63 \*\* |
| Faktor B |   | 2 | 0.0443 | 0.0222 | 8.655 | 3.63\*\* |
| Interaksi AXB |   | 4 | 0.0144 | 0.0036 | 1.457 | 3.01 tn |
| Galat |   | 16 | 0.0406 | 0.00256 |   |   |
| Total | 26 |   |   |   |   |

**Tabel 12.5 Uji jarak berganda Duncan terhadap warna bekasam ikan lele sangkuriang**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| UJI LANJUT DUNCAN FAKTOR A | Sy =  | 0,0168 |  |  |  |  |  |
| SSR | LSR | Rata-rata Perlakuan |   | Perlakuan |   |   |   |   |   | Taraf nyata |
| 5% | 5% | kode  | rata-rata | 1 |   | 2 |   | 3 |   | 5% |
|   |   | a3 | 1.738 |   |   |   |   |   |   | a |
| 3.00  |  0.050  | a2 | 1.917 | 0.179 | \*\* |   |   |   |   | b |
| 3.15  |  0.053  | a1 | 1.974 | 0.237 | \*\* | 0.057 | \*\* |   |   | c |
| UJI LANJUT DUNCAN FAKTOR B |  | Sy = | 0.0168 |  |  |  |  |
| SSR | LSR | Rata-rata Perlakuan | Perlakuan |   |   |   |   |   | Taraf nyata |
| 5% | 5% | kode  | rata-rata | 1 |   | 2 |   | 3 |   | 5% |
|   |   | b1 | 1.8927 |   |   |   |   |   |   | a |
| 3.00  | 0.05 | b2 | 1.9263 | 0.034 | tn |   |   |   |   | a |
| 3.15  | 0.053 | b3 | 1.9297 | 0.037 | tn | 0.003 | tn |   |   | a |