

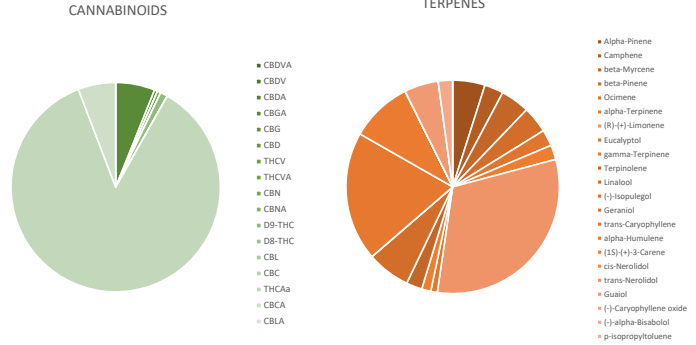
Specimen #: 64548854 MCH0229

## Irish Cannonball

**Customer Name:** Harmony Dispensary  
**Sample Type:** Flower  
**Licensee Contact:** Adam Johnstone  
**Licensee Address:** Secaucus, NJ 07094  
**Sample Weight:** 8.27g  
**Total Batch Weight:** 1160g  
**Customer Lot #:** ICB20221026H  
**Metric ID:** 64548854 MCH0229  
**Parent Pkg ID:** ICB20221026H  
**Sampled By & Date:** BH 18-Nov-2022  
**Date Received:** 18-Nov-2022

### SUMMARY

|                  |               |               |              |               |
|------------------|---------------|---------------|--------------|---------------|
| Water Activity   | <b>PASSED</b> | <b>0.5106</b> | Heavy Metals | <b>PASSED</b> |
| Moisture         | <b>PASSED</b> | <b>10.80%</b> | Mycotoxins   | <b>PASSED</b> |
| Pesticides       | <b>PASSED</b> |               | Microbials   | <b>PASSED</b> |
| Foreign Material | <b>PASSED</b> |               |              |               |



| CANNABINOIDS* |      | 32.25% | TOTAL  |
|---------------|------|--------|--------|
| Analyte       | LOQ  | Mass   | Mass   |
|               |      | %      | mg/g   |
| CBDVA         | 0.01 | ND     | 0.00   |
| CBDV          | 0.01 | ND     | 0.00   |
| CBDA          | 0.01 | ND     | 0.00   |
| CBGA          | 0.01 | 1.95   | 19.54  |
| CBG           | 0.01 | 0.16   | 1.59   |
| CBD           | 0.01 | ND     | 0.00   |
| THCV          | 0.01 | ND     | 0.00   |
| THCVA         | 0.01 | 0.17   | 1.68   |
| CBN           | 0.01 | ND     | 0.00   |
| CBNA          | 0.01 | ND     | 0.00   |
| D9-THC        | 0.01 | 0.37   | 3.65   |
| D8-THC        | 0.01 | ND     | 0.00   |
| CBL           | 0.01 | ND     | 0.00   |
| CBC           | 0.01 | ND     | 0.00   |
| THCAa         | 0.01 | 27.73  | 277.32 |
| CBCA          | 0.01 | 1.87   | 18.72  |
| CBLA          | 0.01 | ND     | 0.00   |

\*Cannabinoids calculated by dry-weight - % / [1 - Moisture Content/100]

| TERPENES                |        | 2.553% | TOTAL |
|-------------------------|--------|--------|-------|
| Analyte                 | LOQ    | Mass   | Mass  |
|                         |        | %      | mg/g  |
| Alpha-Pinene            | 0.0125 | 0.125  | 1.25  |
| Camphene                | 0.0125 | 0.073  | 0.73  |
| beta-Myrcene            | 0.0125 | 0.112  | 1.12  |
| beta-Pinene             | 0.0125 | 0.102  | 1.02  |
| Ocimene                 | 0.0125 | 0.063  | 0.63  |
| alpha-Terpinene         | 0.0125 | 0.056  | 0.56  |
| (R)-(+)-Limonene        | 0.0125 | 0.803  | 8.03  |
| Eucalyptol              | 0.0125 | 0.025  | 0.25  |
| gamma-Terpinene         | 0.0125 | 0.036  | 0.36  |
| Terpinolene             | 0.0125 | 0.061  | 0.61  |
| Linalool                | 0.0125 | 0.168  | 1.68  |
| (-)-Isopulegol          | 0.0125 | ND     | 0.00  |
| Geraniol                | 0.0125 | ND     | 0.00  |
| trans-Caryophyllene     | 0.0125 | 0.500  | 5.00  |
| alpha-Humulene          | 0.0125 | 0.240  | 2.40  |
| (1S)-(+)-3-Carene       | 0.0125 | ND     | 0.00  |
| cis-Nerolidol           | 0.0125 | ND     | 0.00  |
| trans-Nerolidol         | 0.0125 | <LOQ   | 0.00  |
| Guaiol                  | 0.0125 | 0.132  | 1.32  |
| (-)-Caryophyllene oxide | 0.0125 | ND     | 0.00  |
| (-)-alpha-Bisabolol     | 0.0125 | 0.056  | 0.56  |
| p-isopropyltoluene      | 0.0125 | <LOQ   | 0.00  |

### HEAVY METALS

| Analyte  | Result | Action Limit | UOM |
|----------|--------|--------------|-----|
| Arsenic  | <LOQ   | 0.4          | ppm |
| Cadmium  | <LOQ   | 0.4          | ppm |
| Chromium | ND     | 0.6          | ppm |
| Lead     | ND     | 1            | ppm |
| Mercury  | <LOQ   | 0.2          | ppm |

### MYCOTOXINS

| Analyte      | Result | Action Limit | UOM |
|--------------|--------|--------------|-----|
| Aflatoxin B1 | ND     | 20           | ppb |
| Aflatoxin B2 | ND     | 20           | ppb |
| Aflatoxin G1 | ND     | 20           | ppb |
| Aflatoxin G2 | ND     | 20           | ppb |
| Ochratoxin A | ND     | 20           | ppb |

### MICROBIALS

| Analyte              | Result | Action Limit | UOM   |
|----------------------|--------|--------------|-------|
| Total Aerobic        | 453    | 100,000      | CFU/g |
| Total Yeast and Mold | 0      | 10,000       | CFU/g |
| E. Coli              | 0      | 0            | CFU/g |
| Salmonella           | 0      | 0            | CFU/g |

### PESTICIDES (in ppm)

| Analyte             | Result | Action Limit | Analyte         | Result | Action Limit | Analyte            | Result | Action Limit |
|---------------------|--------|--------------|-----------------|--------|--------------|--------------------|--------|--------------|
| Abamectin           | ND     | 0.5          | Dimethoate      | ND     | 0.2          | Naled              | ND     | 0.5          |
| Acetamiprid         | ND     | 0.2          | Ethephon        | ND     | 1.0          | Oxamyl             | ND     | 1.0          |
| Aldicarb            | ND     | 0.4          | Etoxazole       | ND     | 0.2          | Pacllobutrazol     | ND     | 0.4          |
| Ancymidol           | ND     | 0.2          | Fenpyroximate   | ND     | 0.5          | Permethrin, cis    | ND     | 0.5          |
| Azoxystrobin        | ND     | 0.2          | Fipronil        | ND     | 0.4          | Permethrin, trans  | ND     | 0.5          |
| Bifenazate          | ND     | 0.2          | Flonicamid      | ND     | 1.0          | Phosmet            | ND     | 0.2          |
| Bifenthrin          | ND     | 0.2          | Fludioxonil     | ND     | 0.4          | Piperonyl butoxide | ND     | 1.0          |
| Boscalid            | ND     | 0.4          | Flurprimidol    | ND     | 0.2          | Propiconazole      | ND     | 0.4          |
| Carbaryl            | ND     | 0.2          | Hexythiazox     | ND     | 1.0          | Pyrethrins         | ND     | 1.0          |
| Carbofuran          | ND     | 0.2          | Imazalil        | ND     | 0.2          | Spinosyn A         | ND     | 0.2          |
| Chlorantraniliprole | ND     | 0.2          | Imidacloprid    | ND     | 0.4          | Spinosyn D         | ND     | 0.2          |
| Chlorpyrifos        | ND     | 0.2          | Kresoxim-methyl | ND     | 0.4          | Spiromesifen       | ND     | 0.2          |
| Clofentezine        | ND     | 0.2          | Malathion A     | ND     | 0.2          | Spirotetramat      | ND     | 0.2          |
| Cyfluthrin          | ND     | 1.0          | Metalaxyl       | ND     | 0.2          | Thiacloprid        | ND     | 0.2          |
| Dichlorvos          | ND     | 0.1          | Methiocarb      | ND     | 0.2          | Thiamethoxam       | ND     | 0.2          |
| Daminozide          | ND     | 1.0          | Methomyl        | ND     | 0.4          | Trifloxystrobin    | ND     | 0.2          |
| Diazinon            | ND     | 0.2          | Myclobutanil    | ND     | 0.2          |                    |        |              |

Sample collection methods and the uncertainty of measurement associated with results reported in this certificate are available upon request. Cannabinoids were quantified with an HPLC/DAD system on: 21-Nov-2022. Terpenes were quantified with a GC-MS system on: 21-Nov-2022. Mycotoxins and Pesticides were quantified with an LCMS system on: 21-Nov-2022 and 21-Nov-2022 respectively. Heavy Metals were quantified with an ICPMS system on: 19-Nov-2022. Water activity was quantified with a water activity meter on: 21-Nov-2022. Moisture content was quantified by Loss on Drying on: 21-Nov-2022. Sampled in accordance with PRO.S.106D Sampling NJ. Unless otherwise indicated, results were reviewed and verified by the Lab Director, and issuance of this CoA was authorized by the Lab Director. Action limits set according to New Jersey CRC. Results valid only for the exact material sampled and analyzed. Specimens stored in a cool, dry place if not analyzed immediately. Abbreviation Key: ND = Not Detected, LOD = Limit of Detection, LOQ = Limit of Quantitation, ppb = parts per billion, ppm = parts per million, UOM = unit of measure, NEG = Negative.

 Approved By: *Zachary Roy* 21-Nov-2022
