

Blueprint Quantified



Cat Food- Merrick Purrrfect Bistro Grain Free Chicken Recipe
Dry Food

Sample ID: T5D0623-01
Matrix: Edibles

Total Sample Received:
Total Units Received:

Date Sampled: 04/17/2025
Date Received: 04/17/2025
Date Reported: 04/29/2025

Analysis Information

Test Method: Pesticides Analysis

Batch: B25B025

Prep Date: 4/21/25 9:00

Pesticides

| Analyte | Results | Units | Dilution | LOQ | CAS # | Analyzed | Analyst | Instrument | Qual |
|------------|---------|-------|----------|------|-----------|------------|---------|-------------|------|
| Glyphosate | 1.0 | ppm | 0.1 | 0.02 | 1071-83-6 | 04/21/2025 | TL | Vertu Touch | |

| Parameters | Results | Units | PQL | MDL | DF Prepared | By | Analyzed | By | Qual |
|------------|---------|-------|-----|-----|-------------|----|----------|----|------|
|------------|---------|-------|-----|-----|-------------|----|----------|----|------|

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight) 89.2 % 0.1 1 4/21/2025 15:54 KGJ

Analysis Desc: EPA 8082 PCBs (S) Preparation Method: EPA 3545A

Analytical Method: EPA 8082A

| | | | | | | | | |
|--------------------------|---------|--------|------|--------|--------|-----------------|-----------------|-----|
| Aroclor 1016 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Aroclor 1221 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Aroclor 1232 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Aroclor 1242 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Aroclor 1248 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Aroclor 1254 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Aroclor 1260 | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Total PCBs | U ug/Kg | 170 | 86.1 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM |
| Tetrachloro-m-xylene (S) | 52.7 % | 50-130 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM | |
| Decachlorobiphenyl (S) | 85.6 % | 50-130 | 20 | 4/21/2 | AJ | 4/26/2025 04:45 | BFM | |

TL Laboratories

10350 Fisher Ave, Tampa, Florida 33619
813-726-3103 / www.terplifelabs.com

Brian C. Spann
Laboratory Director



Blueprint Quantified



Cat Food- Merrick Purrrfect Bistro Grain Free Chicken Recipe
Dry Food

Total Sample Received:
Total Units Received:

Date Sampled: 04/17/2025
Date Received: 04/17/2025
Date Reported: 04/29/2025

Sample ID: T5D0623-01
Matrix: Edibles

Pesticides

| Prep Method: SOP 1363 | Batch | Instrument | Analyzed | Analyst | Prepped | Prepped By | Specimen Wt. (g) | Analysis SOP |
|-----------------------|---------|------------|----------------------|---------|----------------------|------------|------------------|--------------|
| LL Pesticides LC | 2516153 | LCMSMS | 4/19/2025 11:34:57AM | 2670 | 4/18/2025 10:02:00AM | 4599 | 5.04 | SOP1350 |

| Analyte | DIL | Action Limit | LOD | Results | Status | Analyte | DIL | Action Limi | LOD | Results |
|-----------------------|-----|--------------|-----|---------|--------|--------------------|-----|-------------|-----|---------|
| | | ppm | ppm | ppm | | | | ppm | ppm | ppm |
| Glyphosate | | | | 1.0 | | Hexythiazox | 1 | 2000 | 1.0 | ND |
| Abamectin | 1 | 300 | 1.0 | ND | | Imazalil | 1 | 100 | 1.0 | ND |
| Acephate | 1 | 3000 | 1.0 | ND | | Imidacloprid | 1 | 3000 | 1.0 | ND |
| Acequinocyl | 1 | 2000 | 1.0 | ND | | Kresoxim-methyl | 1 | 1000 | 1.0 | ND |
| Acetamiprid | 1 | 3000 | 1.0 | ND | | Malathion | 1 | 2000 | 1.0 | ND |
| Aldicarb | 1 | 100 | 1.0 | ND | | Metalaxyl | 1 | 3000 | 1.0 | ND |
| Azoxystrobin | 1 | 3000 | 1.0 | 56.8 | | Methiocarb | 1 | 100 | 1.0 | ND |
| Bifenazate | 1 | 3000 | 1.0 | ND | | Methomyl | 1 | 100 | 1.0 | ND |
| Bifenthrin | 1 | 500 | 1.0 | ND | | Mevinphos | 1 | 100 | 1.0 | ND |
| Boscalid | 1 | 3000 | 1.0 | ND | | Myclobutanil | 1 | 3000 | 1.0 | ND |
| Carbaryl | 1 | 500 | 1.0 | ND | | Naled | 1 | 500 | 1.0 | ND |
| Carbofuran | 1 | 100 | 1.0 | ND | | Oxamyl | 1 | 500 | 1.0 | ND |
| Chlorantraniliprole | 1 | 3000 | 1.0 | ND | | Paclobutrazol | 1 | 100 | 1.0 | ND |
| Chloromequat Chloride | 1 | 3000 | 1.0 | ND | | Permethrin | 1 | 1000 | 1.0 | ND |
| Chlorpyrifos | 1 | 100 | 1.0 | ND | | Phosmet | 1 | 200 | 1.0 | ND |
| Clofentezine | 1 | 500 | 1.0 | ND | | Piperonyl butoxide | 1 | 3000 | 1.0 | 1.6 |
| Coumaphos | 1 | 100 | 1.0 | ND | | Prallethrin | 1 | 400 | 1.0 | ND |
| Cyfluthrin | 1 | 1000 | 5.0 | ND | | Propiconazole | 1 | 1000 | 1.0 | ND |
| Cypermethrin | 1 | 1000 | 5.0 | ND | | Propoxur | 1 | 100 | 1.0 | ND |
| Daminozide | 1 | 100 | 1.0 | ND | | Pyrethrins | 1 | 1000 | 1.0 | ND |
| Diazinon | 1 | 200 | 1.0 | ND | | Pyridaben | 1 | 3000 | 1.0 | ND |
| Dichlorvos | 1 | 100 | 1.0 | ND | | Spinetoram, total | 1 | 3000 | 1.0 | ND |
| Dimethoate | 1 | 100 | 1.0 | ND | | Spinosad, total | 1 | 3000 | 1.0 | ND |
| Dimethomorph | 1 | 3000 | 1.0 | ND | | Spiromesifen | 1 | 3000 | 1.0 | ND |
| Ethoprophos | 1 | 100 | 1.0 | ND | | Spirotetramat | 1 | 3000 | 1.0 | ND |
| Etofenprox | 1 | 100 | 1.0 | ND | | Spiroxamine | 1 | 100 | 1.0 | ND |
| Etoxazole | 1 | 1500 | 1.0 | ND | | Tebuconazole | 1 | 1000 | 1.0 | ND |
| Fenhexamid | 1 | 3000 | 1.0 | ND | | Thiacloprid | 1 | 100 | 1.0 | ND |
| Fenoxycarb | 1 | 100 | 1.0 | ND | | Thiamethoxam | 1 | 1000 | 1.0 | ND |
| Fenpyroximate | 1 | 2000 | 1.0 | ND | | Trifloxystrobin | 1 | 3000 | 1.0 | ND |
| Fipronil | 1 | 100 | 1.0 | ND | | | | | | |
| Flonicamid | 1 | 2000 | 1.0 | ND | | | | | | |
| Fludioxonil | 1 | 3000 | 1.0 | 21.4 | | | | | | |

LOD = Limit of Detection; ND = Not Detected.
Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
* - GCMSMS Pesticides

TL Laboratories

10350 Fisher Ave, Tampa, Florida 33619
813-726-3103 / www.terplifelabs.com

Brian C. Spann
Laboratory Director



The data contained therein are based on sound scientific analytical procedures and judgment. TL Laboratories strives to deliver high quality results. This report shall not be reproduced without written consent from TL Laboratories. The results of this report relate only to the material or product received and analyzed. Test Results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017)

Blueprint Quantified



Cat Food- Merrick Purrfect Bistro Grain Free Chicken Recipe
Dry Food

Total Sample Received:
Total Units Received:

Date Sampled: 04/17/2025
Date Received: 04/17/2025
Date Reported: 04/29/2025

Sample ID: T5D0623-01
Matrix: Edibles

Heavy Metals

Date Prepared: 04/19/2025 13:47 Prepped By: 1094 Specimen Wt: 0.51 g
Date Analyzed: 04/19/2025 20:18 Analyzed By: 1094 Instrument: ICPMS
Lab Batch: 2516187 Prep Method: SOP 1362 Analysis Method: SOP1358

| Analyte | DIL | Action Limit | LOD | Results |
|--------------|-----|--------------|------|---------------|
| | | | ppb | ppb |
| Arsenic | 1 | 1500 | 1.00 | 40.0 |
| Cadmium | 1 | 500 | 1.00 | 30.5 |
| Lead | 1 | 500 | 1.00 | 129 |
| Mercury | 1 | 3000 | 1.00 | 2.65 |
| Total | | | | 202.15 |

LOD = Limit of Detection; ND = Not Detected.
Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

TL Laboratories

10350 Fisher Ave, Tampa, Florida 33619
813-726-3103 / www.terpliflabs.com

Brian C. Spann
Laboratory Director



The data contained therein are based on sound scientific analytical procedures and judgment. TL Laboratories strives to deliver high quality results. This report shall not be reproduced without written consent from TL Laboratories. The results of this report relate only to the material or product received and analyzed. Test Results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017)