



Certificate of Analysis for

KB Crash Creations
223 West 6th St
West Wyoming, PA 18644

Received: 3/24/2023 @ 20.4 °C
Report ID: 2303975

Sample ID: 2303975-001

Sample Description: Herba Spray (1st 5 Gal) 03232023

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/24/23

| | | |
|---------------------|------|-------|
| Aerobic Plate Count | < 10 | CFU/g |
|---------------------|------|-------|

CC.1a: CC by mass via AOAC 991.14, 998.03 (Petrifilm™) Analyzed 03/24/23

| | | |
|-------------------------|------|-------|
| Total Coliform Bacteria | < 10 | CFU/g |
|-------------------------|------|-------|

EC.1a: EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Analyzed 03/24/23

| | | |
|------------------|------|-------|
| Escherichia coli | < 10 | CFU/g |
|------------------|------|-------|

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 03/28/23

| | | | | | |
|--------------|---------|-------------|--------------|---------|-------------|
| Arsenic (As) | < 0.020 | mg/kg (ppm) | Cadmium (Cd) | < 0.010 | mg/kg (ppm) |
| Lead (Pb) | 0.006 | mg/kg (ppm) | Mercury (Hg) | < 0.005 | mg/kg (ppm) |

MIT.1: Mitragynine via AOAC 2017.14 Analyzed 03/28/23

| | | | | | |
|----------------------|---------|---|-------------|------|---|
| 7-Hydroxymitragynine | < 0.100 | % | Mitragynine | 11.4 | % |
|----------------------|---------|---|-------------|------|---|

ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 03/28/23

| | | | | | |
|-----------------------|--------|-------------|--------------------|------|-------------|
| 1,2-Dichloroethane | < 2 | mg/kg (ppm) | 2-Propanol | < 50 | mg/kg (ppm) |
| Acetone | < 50 | mg/kg (ppm) | Acetonitrile | < 50 | mg/kg (ppm) |
| Benzene | < 2 | mg/kg (ppm) | Chloroform | < 50 | mg/kg (ppm) |
| Cyclohexane | < 50 | mg/kg (ppm) | Diethyl ether | < 50 | mg/kg (ppm) |
| Ethanol | 37,700 | mg/kg (ppm) | Ethyl Acetate | 68 | mg/kg (ppm) |
| Heptane | < 50 | mg/kg (ppm) | Hexane | < 50 | mg/kg (ppm) |
| Methanol | 167 | mg/kg (ppm) | Methylene Chloride | < 50 | mg/kg (ppm) |
| N,N-Dimethylformamide | < 10 | mg/kg (ppm) | Pentane | < 50 | mg/kg (ppm) |
| Toluene | < 50 | mg/kg (ppm) | Trichloroethene | < 50 | mg/kg (ppm) |
| Xylenes (p-, m-, o-) | < 50 | mg/kg (ppm) | | | |

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 03/24/23

| | | |
|-----------------|----------|-------|
| Salmonella spp. | Negative | /10 g |
|-----------------|----------|-------|

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/24/23

| | | |
|-----------------------|------|-------|
| Staphylococcus aureus | < 10 | CFU/g |
|-----------------------|------|-------|

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 03/24/23

| | | |
|-------------------------------|----------|-------|
| Shiga toxin-producing E. coli | Negative | /10 g |
|-------------------------------|----------|-------|

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/24/23

| | | |
|----------------|------|-------|
| Yeast and Mold | < 10 | CFU/g |
|----------------|------|-------|



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Residual solvent concentrations >5000 ppm are informational only and do not represent a quantitated value.

RPC 3-29-23

Reported By: _____

Ryan Connelly, Chemistry Laboratory Manager, 3/29/2023