

EXTRACT CONSULTANTS, LLC. TERPENES - FLAVORS - BASES PO BOX 11433, DENVER, CO 80211 www.extractconsultants.com INFORMATION: 574-309-7991

Certificate of Analysis

Order #: 357041

Product Name: BLACKBERRY N&A FLAVOR Cas Number: N/A TBVAP48 Code #: Fema Number: N/A 1909000532 Lot #: FDA Number: N/A 050 PO #: Mfg Date: 9/11/19

Country of Origin: U.S.A.

ORGANOLEPTIC:

ODOR: CHARACTERISTIC OF BLACKBERRY

PHYSICAL DATA:

PARAMETER ACTUAL

COLORLESS TO PALE YELLOW Color:

Specific Gravity @ 25deg.C: .9687 Refractive Index @ 20deg.C: 1.446 **Optical Rotation:** N/A Solubility in 70% Alcohol: N/A

Chemical Data by GC,FID:

Total Menthol Content: N/A **Total Ester Content:** N/A **Dimethyl Sulfide:** N/A **Heavy Metals:** N/A

STORE IN FULL, TIGHT CONTAINERS IN COOL PLACE (60 TO 78DEG.F), PROTECT FROM LIGHT.

CERTIFICATE OF ANALYSIS DISCLAIMER

Submission and receipt of this Certificate of Analysis does not preclude the purchaser or manufacturer from testing this item in the product will be used in. Application of this product should be tested to ensure suitability in the final product. Extract Consultants's responsibility of this manufactured or distributed item will be limited and subject to our Limitation of Product Liability policy (see Ordering Information).

Shelf Life: 1 Year from Date Shipped **Expiration Date: 9/13/20**

Quality Assurance

09/13/19