

ANALYST: Aparna

Analysis Method: Chemtech -SOP

SUPERVISOR REVIEW BY: apatel

Parameter: 8-Hydroxyquinoline sulfate

Constant: 16000

Run Number: LB96465

BalanceID: WC SC-4

Time IN: 08:30

Time OUT: 09:15

Date IN: 07/06/2018

Date OUT: 07/06/2018

Temp (°C) IN: 70

Temp (°C) OUT: 70

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| HCL 10%                           | WP62037   |
| KI solution for Bag Balm, 10%     | WP61332   |
| Hexane, Ultra-Resi (cs/4x4L)      | W2374     |
| Starch Solution, 4L               | W2121     |
| SODIUM THIOSULFATE, 0.1N, 1 LITER | W2259     |
| POTASSIUM BROMATE 0.1N 1L         | W2315     |

| Seq | Lab ID      | Sample Wt (g) | DF | T1 (mL) | T2 Initial | T2 Final | T2 Diff. (mL) | T1 - T2 Diff (mL) | KI 10% | Result (ppm) | AnalDate   | Anal Time |
|-----|-------------|---------------|----|---------|------------|----------|---------------|-------------------|--------|--------------|------------|-----------|
| 1   | LB96465BL   | 4.00          | 1  | 4.00    | 0.00       | 3.90     | 3.90          | 0.10              | 2.00   | 0.01         | 07/06/2018 | 10:30     |
| 2   | J3763-01    | 4.03          | 1  | 4.00    | 3.90       | 5.50     | 1.60          | 2.40              | 2.00   | 0.30         | 07/06/2018 | 10:35     |
| 3   | J3882-01    | 4.02          | 1  | 4.00    | 5.50       | 7.20     | 1.70          | 2.30              | 2.00   | 0.29         | 07/06/2018 | 10:40     |
| 4   | J3882-01DUP | 4.05          | 1  | 4.00    | 7.20       | 8.60     | 1.40          | 2.60              | 2.00   | 0.33         | 07/06/2018 | 10:45     |

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Result = (T1 - T2) \* 0.508 / Sample Volume

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : BAGBALM070518

WorkList ID : 114132

Date : 7/5/2018 10:47:06 AM

LB 96465

| Due Date   | Matrix | Sample   | Test                       | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method       |
|------------|--------|----------|----------------------------|--------------|----------|------------------|-----------------|--------------|--------------|
| 07/09/2018 | Solid  | J3763-01 | 8-Hydroxyquinoline sulfide | Cool 4 deg C | DAIR01   | I53              | LOT-062-58      | 06/25/2018   | Chemtech -SO |
| 07/16/2018 | Solid  | J3882-01 | 8-Hydroxyquinoline sulfide | Cool 4 deg C | DAIR01   | I41              | LOT-070-28      | 07/02/2018   | Chemtech -SO |

Date/Time 07/06/18, 07:20  
 Received by: AS  
 Relinquished by: AS

Date/Time 07/06/18, 8:50  
 Received by: AS  
 Relinquished by: AS