



# Analytical Summary Report

ANALYST: Alexander

Analysis Method: Chemtech -SOP

SUPERVISOR REVIEW BY: apatel

Parameter: 8-Hydroxyquinoline sulfate

Constant: 16000

Run Number: LB107650

BalanceID: WCSC-4

Time IN: 15:10

Time OUT: 15:30

Date IN: 02/07/2020

Date OUT: 02/07/2020

Temp (°C) IN: 71

Temp (°C) OUT: 72

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| HCL 10%                           | WP80719   |
| KI solution for Bag Balm, 10%     | WP79516   |
| SODIUM THIOSULFATE, 0.1N, 1 LITER | W2524     |
| POTASSIUM BROMATE 0.1N 1L         | W2638     |
| Hexane, Ultra-Resi (cs/4x4L)      | E2812     |

| 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   | LB107650BL  | 4.00          | 1  | 4.00    | 0.00       | 4.42     | 4.42          | -0.42             | 2.00   | -0.05        | 02/07/2020 | 15:50     |
| 2   | L1328-01    | 4.03          | 1  | 4.00    | 4.42       | 6.22     | 1.80          | 2.20              | 2.00   | 0.28         | 02/07/2020 | 15:52     |
| 3   | L1328-01DUP | 4.12          | 1  | 4.00    | 0.00       | 1.80     | 1.80          | 2.20              | 2.00   | 0.27         | 02/07/2020 | 15:56     |
| 4   | L1417-01    | 4.07          | 1  | 4.00    | 1.80       | 3.54     | 1.74          | 2.26              | 2.00   | 0.28         | 02/07/2020 | 15:58     |

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

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

LB107650  
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BB-2072020      WorkList ID : 135873      Department : Wet-Chemistry      Date : 02-07-2020 14:26:04

| Due Date   | Matrix | Sample   | Test                       | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method       |
|------------|--------|----------|----------------------------|--------------|----------|------------------|-----------------|--------------|--------------|
| 02/10/2020 | Solid  | L1328-01 | 8-Hydroxyquinoline sulfide | Cool 4 deg C | DAIR01   | J12              | LOT-012-70      | 01/27/2020   | Chemtech -SO |
| 02/17/2020 | Solid  | L1417-01 | 8-Hydroxyquinoline sulfide | Cool 4 deg C | DAIR01   | L31              | LOT-02030       | 02/03/2020   | Chemtech -SO |

Date/Time 2/07/2020 14:50  
Received by: AM  
Relinquished by: CL

Date/Time 2/07/2020 15:15  
Received by: CL  
Relinquished by: AM