



# Analytical Summary Report

ANALYST: Alexander

Analysis Method: Chemtech -SOP

SUPERVISOR REVIEW BY: apatel

Parameter: 8-Hydroxyquinoline sulfate

Constant: 16000

Run Number: LB108255

BalanceID: WC SC-4

Time IN: 11:25

Time OUT: 11:45

Date IN: 03/13/2020

Date OUT: 03/13/2020

Temp (°C) IN: 71

Temp (°C) OUT: 73

| Reagent/Standard                  | Lot/Log # |
|-----------------------------------|-----------|
| HCL 10%                           | WP80719   |
| KI solution for Bag Balm, 10%     | WP79516   |
| Hexane, Ultra-Resi (cs/4x4L)      | E2825     |
| POTASSIUM BROMATE 0.1N 1L         | W2638     |
| SODIUM THIOSULFATE, 0.1N, 1 LITER | W2524     |

| 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   | LB108255BL  | 4.00          | 1  | 4.00    | 0.00       | 3.96     | 3.96          | 0.04              | 2.00   | 0.01         | 03/13/2020 | 12:10     |
| 2   | L1829-01    | 4.09          | 1  | 4.00    | 3.96       | 5.74     | 1.78          | 2.22              | 2.00   | 0.28         | 03/13/2020 | 12:12     |
| 3   | L1829-01DUP | 4.02          | 1  | 4.00    | 0.00       | 1.72     | 1.72          | 2.28              | 2.00   | 0.29         | 03/13/2020 | 12:16     |
| 4   | L1908-01    | 4.06          | 1  | 4.00    | 1.72       | 3.54     | 1.82          | 2.18              | 2.00   | 0.27         | 03/13/2020 | 12:18     |

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

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

LB108255

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BB-3132020      WorkList ID : 137000      Department : Wet-Chemistry      Date : 03-13-2020 09:42:02

| Due Date   | Matrix | Sample   | Test                     | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method       |
|------------|--------|----------|--------------------------|--------------|----------|------------------|-----------------|--------------|--------------|
| 03/16/2020 | Solid  | L1829-01 | 8-Hydroxyquinoline sulfæ | Cool 4 deg C | DAIR01   | O41              | LOT-030-20      | 03/02/2020   | Chemtech -SO |
| 03/23/2020 | Solid  | L1908-01 | 8-Hydroxyquinoline sulfæ | Cool 4 deg C | DAIR01   | D21              | LOT-03090       | 03/09/2020   | Chemtech -SO |

Date/Time 3/13/2020 11:05  
Received by: Am  
Relinquished by: Ch

Date/Time 3/13/2020 11:30  
Received by: Ch  
Relinquished by: Am