

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: Liquid Crystal Concentrate**

**LOT NUMBER: LOT0019466**

**PRODUCT CODE: K0903/ K1181**

**MANUFACTURING DATE: 07/07/2023**

**BEST BEFORE DATE: 06/07/2026**

| ANALYTICS                   | DETAILS                            | RESULTS     |
|-----------------------------|------------------------------------|-------------|
| APPEARANCE                  | Clear Slightly Hazy Viscous Liquid | -           |
| Colour (Neat) 51/4 Lovibond | 0.3 Red / 3.0 Yellow               | 0.3R / 0.9Y |
| pH (neat @ 25°C)            | 6.0-7.0                            | 6.37        |

| INGREDIENT                   | RANGE %   | CAS        | EINECS    |
|------------------------------|-----------|------------|-----------|
| Aqua                         | 25-50     | 7732-18-5  | 231-791-2 |
| Sodium laureth sulfate       | 25-50     | 68891-38-3 | 500-234-8 |
| Propylene glycol             | 1-5       | 57-55-6    | 200-338-0 |
| Sodium chloride              | 1 – 5     | 7647-14-5  | 231-598-3 |
| Cocamine oxide               | 1 - 5     | 61788-90-7 | 263-016-9 |
| Cocamidopropyl betaine       | 1 - 5     | 61789-40-0 | 263-058-8 |
| Citric acid                  | 0.1 – 1.0 | 77-92-9    | 201-069-1 |
| Tetrasodium EDTA             | 0.1 – 1.0 | 64-02-8    | 200-573-9 |
| Polyquaternium- 7            | 0.1 – 1.0 | 26590-05-6 | N/A       |
| Magnesium nitrate            | <0.1      | 10377-60-3 | 233-826-7 |
| Magnesium chloride           | <0.1      | 7786-30-3  | 232-094-6 |
| Methylchloroisothiazolinone* | <0.1      | 26172-55-4 | 247-500-7 |
| Methylisothiazolinone *      | <0.1      | 2682-20-4  | 220-239-6 |

\* total of 9ppm active isothiazolinone

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.