

LORIS H HASSALL TRADING PTY LTD

EVAPX DISTILLATE TEST RESULTS 2023-2024



EPA LOCATION ID 9 and 10

EPA LICENSE NUMBER: 12765

*Not Tested (NT) No Sample (NS) Not Published (NP)

| ANALYSIS | LOR | Jul-23 | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | HIGH | LOW | AVE |
|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|---------|
| pH - pH Units | - | NP | 8.63 | NP | NP | 8.6 | NP | NP | 9.04 | NP | NP | 8.2 | NP | 9.04 | 8.2 | 8.62 |
| EC (Electrical Conductivity) - µS/cm | 5 | NP | 2180 | NP | NP | 1600 | NP | NP | 2820 | NP | NP | 1650 | NP | 2820 | 1600 | 2062.50 |
| TKN - N (Total Kjeldahl Nitrogen as N) - mg/L | 0.05 | NP | 280 | NP | NP | 210 | NP | NP | 290 | NP | NP | 240 | NP | 290 | 210 | 255.00 |
| Total P (Phosphorus) - mg/L | 0.01 | NP | 0.01 | NP | NP | 0.01 | NP | NP | 0.01 | NP | NP | 0.24 | NP | 0.24 | 0.01 | 0.07 |
| Total Nitrogen - mg/L | 0.05 | NP | 280 | NP | NP | 210 | NP | NP | 290 | NP | NP | 240 | NP | 290 | 210 | 255.00 |
| Total Suspended Solids - mg/L | 1 | NP | 1 | NP | NP | 1 | NP | NP | 1 | NP | NP | 1 | NP | 1 | 1 | 1.00 |
| TDS (Total Dissolved Solids) - mg/L | 1 | NP | 55 | NP | NP | 31 | NP | NP | 270 | NP | NP | 46 | NP | 270 | 31 | 100.50 |
| BOD (Biological Oxygen Demand) - mg/L | 2 | NP | 81 | NP | NP | 140 | NP | NP | 170 | NP | NP | 46 | NP | 170 | 46 | 109.25 |
| COD (Chemical Oxygen Demand) - mg/L | 2 | NP | 85 | NP | NP | 140 | NP | NP | 150 | NP | NP | 20 | NP | 150 | 20 | 98.75 |
| Nitrate - mg/L | 0.005 | NP | 0.005 | NP | NP | 0.005 | NP | NP | 0.064 | NP | NP | 0.005 | NP | 0.064 | 0.005 | 0.02 |
| Nox (as N) -mg/L | 0.005 | NP | 0.005 | NP | NP | 0.005 | NP | NP | 0.073 | NP | NP | 0.005 | NP | 0.073 | 0.005 | 0.02 |
| Nitrite N - mg/L | 0.005 | NP | 0.018 | NP | NP | 0.005 | NP | NP | 0.009 | NP | NP | 0.005 | NP | 0.018 | 0.005 | 0.01 |
| DEM (Oil & Grease) - mg/L | 2 | NP | 2 | NP | NP | 2 | NP | NP | 2 | NP | NP | 2 | NP | 2 | 2 | 2.00 |
| Sulphide as S2 - mg/L | 0.02 | NP | 0.4 | NP | NP | 1.81 | NP | NP | 1.36 | NP | NP | 0.19 | NP | 1.81 | 0.19 | 0.94 |
| Sulphur as S - mg/L | 0.1 | NP | 0.55 | NP | NP | 0.59 | NP | NP | 2.8 | NP | NP | 0.89 | NP | 2.8 | 0.55 | 1.21 |
| Manganese - mg/L | 0.01 | NP | 0.01 | NP | NP | 0.01 | NP | NP | 0.01 | NP | NP | 0.01 | NP | 0.01 | 0.01 | 0.01 |
| Sulphite as SO3 2- mg/L | 0.5 | NP | 0.05 | NP | NP | 2 | NP | NP | 0.5 | NP | NP | 0.5 | NP | 2 | 0.05 | 0.76 |
| Chloride - mg/L | 2 | NP | 21 | NP | NP | 3 | NP | NP | 30 | NP | NP | 57 | NP | 57 | 3 | 27.75 |
| Ammonia mg/L | 0.005 | NP | 300 | NP | NP | 140 | NP | NP | 170 | NP | NP | 240 | NP | 300 | 140 | 212.50 |
| Ammonium mg/L | 0.006 | NP | 390 | NP | NP | 180 | NP | NP | 220 | NP | NP | 300 | NP | 390 | 180 | 272.50 |
| Sodium - mg/L | 1 | NP | 11 | NP | NP | 1.2 | NP | NP | 20 | NP | NP | 15 | NP | 20 | 1.2 | 11.80 |
| Potassium - mg/L | 0.2 | NP | 0.2 | NP | NP | 0.2 | NP | NP | 0.65 | NP | NP | 0.2 | NP | 0.65 | 0.2 | 0.31 |