

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                         |   |
|-------------------------|---|
| <b>Catalogue Number</b> | 00137   |
| <b>Lot Number</b>       | 001237-122121   |
| <b>Product</b>          | <b>2'-Deoxyuridine-5'-monophosphate disodium salt</b> |

2'-dUMP•2Na

|                          |   |
|--------------------------|---|
| <b>CAS Number</b>        | 42155-08-8  |
| <b>Molecular Formula</b> | C <sub>9</sub> H <sub>11</sub> N <sub>2</sub> O <sub>8</sub> PNa <sub>2</sub> |
| <b>Molecular Weight</b>  | 352.15  |

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|------------------------------------|--|
| <b>Appearance</b>                  | White powder   |
| <b>Solubility</b>                  | Clear colorless solution (50 mg/mL in Water)   |
| <b>Water Content (Karl Fisher)</b> | 12.2%  |
| <b>UV Ratios</b>                   | Ratio of absorbance (pH 7.0) :<br>A <sub>250</sub> /A <sub>260</sub> : 0.73<br>A <sub>280</sub> /A <sub>260</sub> : 0.38 |
| <b>Purity by HPLC</b>              | 99.9%  |
| <b>Purity by UV</b>                | 99% (Dry basis)  |
| <b>Storage</b>                     | Store at -20 °C  |
| <b>Remarks</b>                     | See material safety data sheet for additional information<br>For laboratory use only                                     |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**