

Certificate of Analysis

Date of Testing: 2024-01-04 16:23:45
Date of Next Testing: 2026-01-03 16:23:45
Product Name: **Flurbiprofen**
CAS Number: 5104-49-4
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: C2219239
SKU #: **F134483**
Analysis: **311040**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|--------------------------------|------------------------------|
| Purity(Neutralization titration) | 97.5-102.5 (%) | 100.28 % |
| Purity(HPLC) | 98-100 (%) | 99.48000 % |
| Melting point | 113-116 ($^{\circ}\text{C}$) | 115.96000 $^{\circ}\text{C}$ |
| Appearance (F134483) | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH , Colorless to Light Yellow, Clear 50 mg/mL pass | | Pass |



John Su
QA & QC Manager