

Certificate of Analysis

Date of Testing: 2024-08-05 11:40:32
Date of Next Testing: 2026-08-05 11:40:32
Product Name: **Flurbiprofen**
CAS Number: 5104-49-4
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: G2429209
SKU #: **F134483**
Version: **0**
Analysis #: **376481**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|--------------------------------|------------------------------|
| Purity(Neutralization titration) | 97.5-102.5 (%) | 100.83 % |
| Purity(HPLC) | 98-100 (%) | 99.87500 % |
| Melting point | 113-116 ($^{\circ}\text{C}$) | 114.03000 $^{\circ}\text{C}$ |
| Appearance (F134483) | White to Off-White Powder | White to Off-White Powder |
| Solubility in MeOH , Colorless to Light Yellow,Clear 50 mg/mL | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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