



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-348702A  
Lot Number: SAMPLE  
Product Name: 4-[(difluoromethyl)sulfonyl]benzenesulfonyl chloride  
CAS Number: 923204-51-7  
Molecular Formula:  $C_7H_5ClF_2O_4S_2$   
Molecular Weight: 290.69

| Test                         | Specification             | Result    |
|------------------------------|---------------------------|-----------|
| Appearance                   | Orange solid              | Complies  |
| Identification ( $^1H$ -NMR) | Consistent with structure | Complies  |
| Identification (LCMS)        | Consistent with structure | Complies  |
| Purity ( $^1H$ -NMR)         | 95%                       | Complies  |
| Purity (LCMS)                | 95%                       | 100%      |
| Chlorine Content             | 12.2%                     | 11.54%    |
| Water Content                |                           | 0.046 wt% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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