



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-284190  
Lot Number: SAMPLE  
Product Name: 4-Chloro-2-(trifluoromethyl)pyrimidine  
CAS Number: 1514-96-1  
Molecular Formula:  $C_5H_2ClF_3N_2$   
Molecular Weight: 182.53

Test	Specification	Result
Appearance	Clear colourless to yellow or purple liquid	Clear pale purple liquid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (19F-NMR)	Consistent with structure	Complies
Purity (1H-NMR)	> 96.5%	> 97%
Purity (GC)	> 96.5%	99.9%
Solution (Clarity)	Forms a clear colourless to clear pale yellow/purple solution in chloroform, no particulates	Forms a clear, pale purple solution in chloroform, no particulates
Water Content (KF)	< 1.5%	No water

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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