



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-232916
Lot Number: SAMPLE
Product Name: 4-Nitroacetanilide
CAS Number: 104-04-1
Molecular Formula: $C_8H_8N_2O_3$
Molecular Weight: 180.16

Test	Specification	Result
Appearance	Yellow, yellow-green or yellow-tan powder	Dull yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	98%	Complies
Solubility		25 mg/ml, MeOH; slightly hazy, very dark yellow solution
Carbon Content	52.0 - 54.7%	53.50%
Hydrogen Content		4.52%
Nitrogen Content	15.2 - 15.9%	15.66%

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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