

Product Name:	Acetamide
Product Number:	A058
CAS Number:	60-35-5
Molecular Formula:	C ₂ H ₅ NO
Molecular Weight:	59.07
Form:	Powder
Appearance:	White crystalline powder
Solubility:	Water: Freely soluble
Source:	Synthetic
Absorbance:	(290nm, 5% in H ₂ O): ≤0.6
Storage Conditions:	2-8 °C
Description:	<p>Acetamide is a freely soluble (369 mg/mL) simple organic amide compound derived from acetate.</p> <p>This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.</p>
Microbiology Applications	Acetamide can be used as an additive to an enrichment broth for the isolation of <i>Pseudomonas aeruginosa</i> . <i>P. aeruginosa</i> can use acetamide as a sole carbon source and can be detected using a chromogenic substrate.
References:	Kelly, N.M., C.T. Keans (1.983) "Acetamide Broth for Isolation of <i>Pseudomonas aeruginosa</i> from patients with cystic fibrosis." <i>Journal of Clinical Microbiology</i> 17:159-163.