

Certificate of Analysis

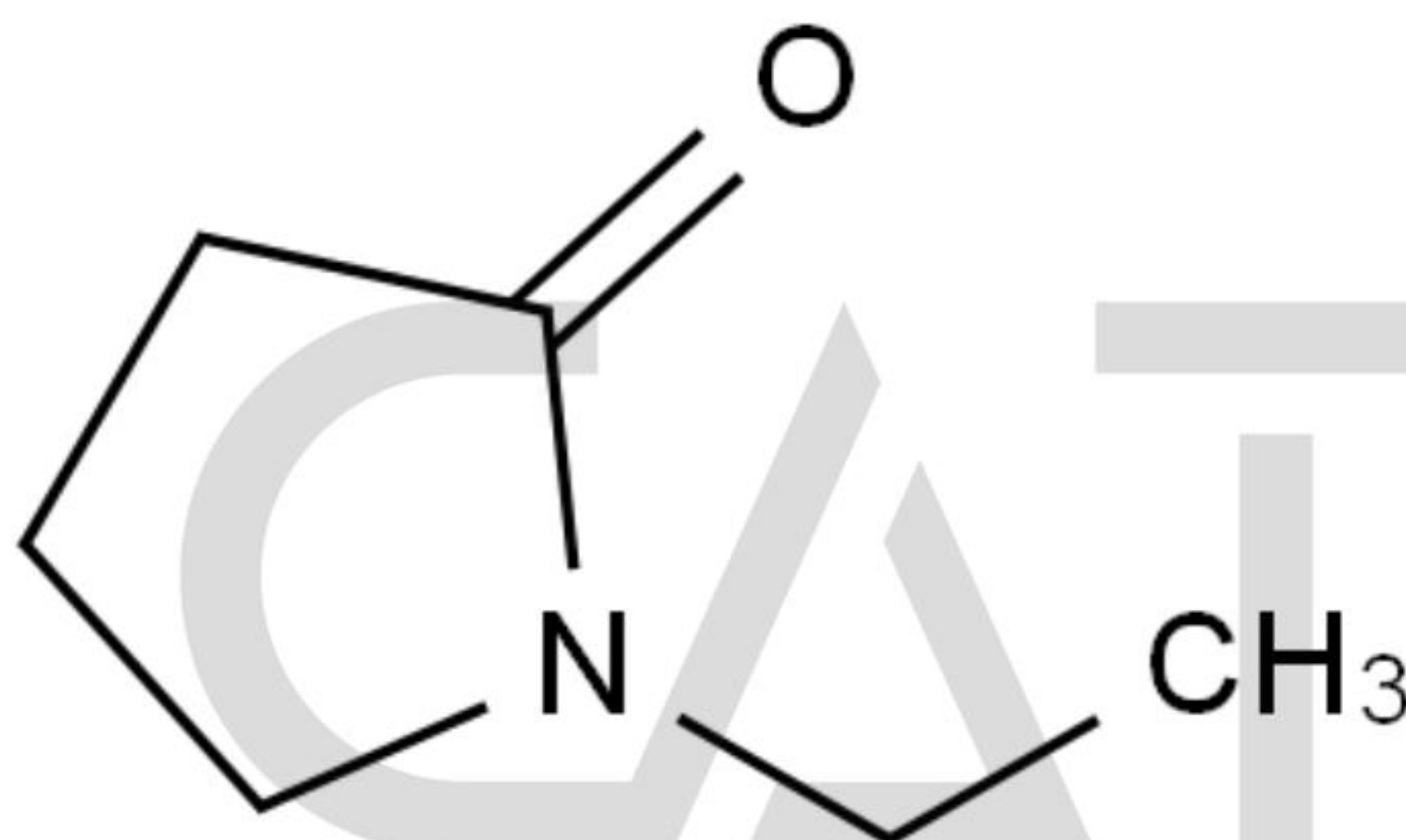
Reference Material & Standard

Product Name:	N-Ethyl-2-pyrrolidone	Catalogue Number:	CCHM702206
Synonyms:	N/A	Lot Number:	0912-RF-0086
CAS Number:	2687-91-4	Expiry Date:	Sep 11, 2028
Molecular Formula:	C ₆ H ₁₁ NO	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	113.16	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.9%
Assay	qNMR	96.4%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 12, 2024

Date: Sep 12, 2024

Date: Sep 12, 2024



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