

Certificate of Analysis

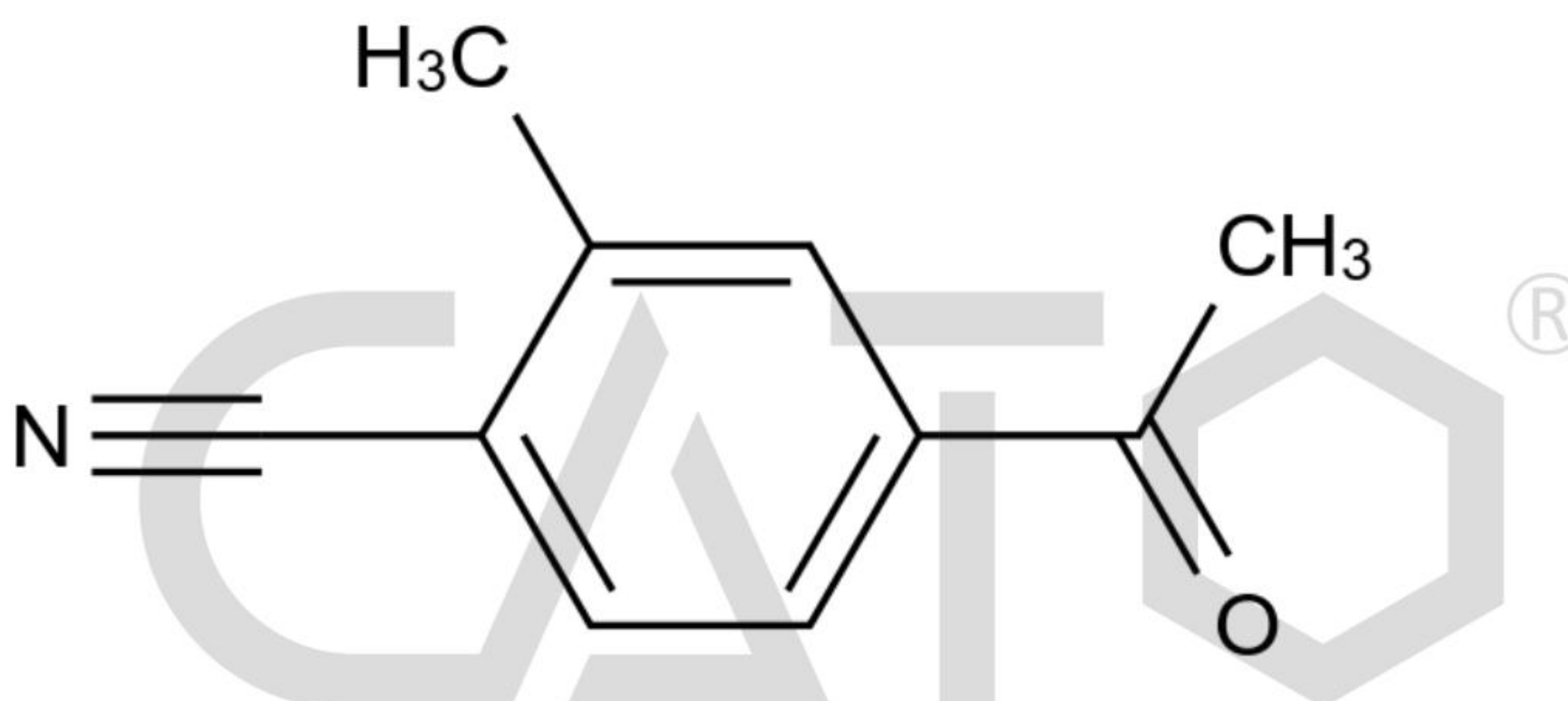
Reference Material & Standard

Product Name:	4-Acetyl-2-methylbenzonitrile	Catalogue Number:	C1070530
Synonyms:	N/A	Lot Number:	0421-RH-0009
CAS Number:	1138444-80-0	Expiry Date:	Apr 22, 2030
Molecular Formula:	C ₁₀ H ₉ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	159.18	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.564%
Water Content	Karl Fischer	0.3591%
Assay		99.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 23, 2026

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