

Certificate of Analysis

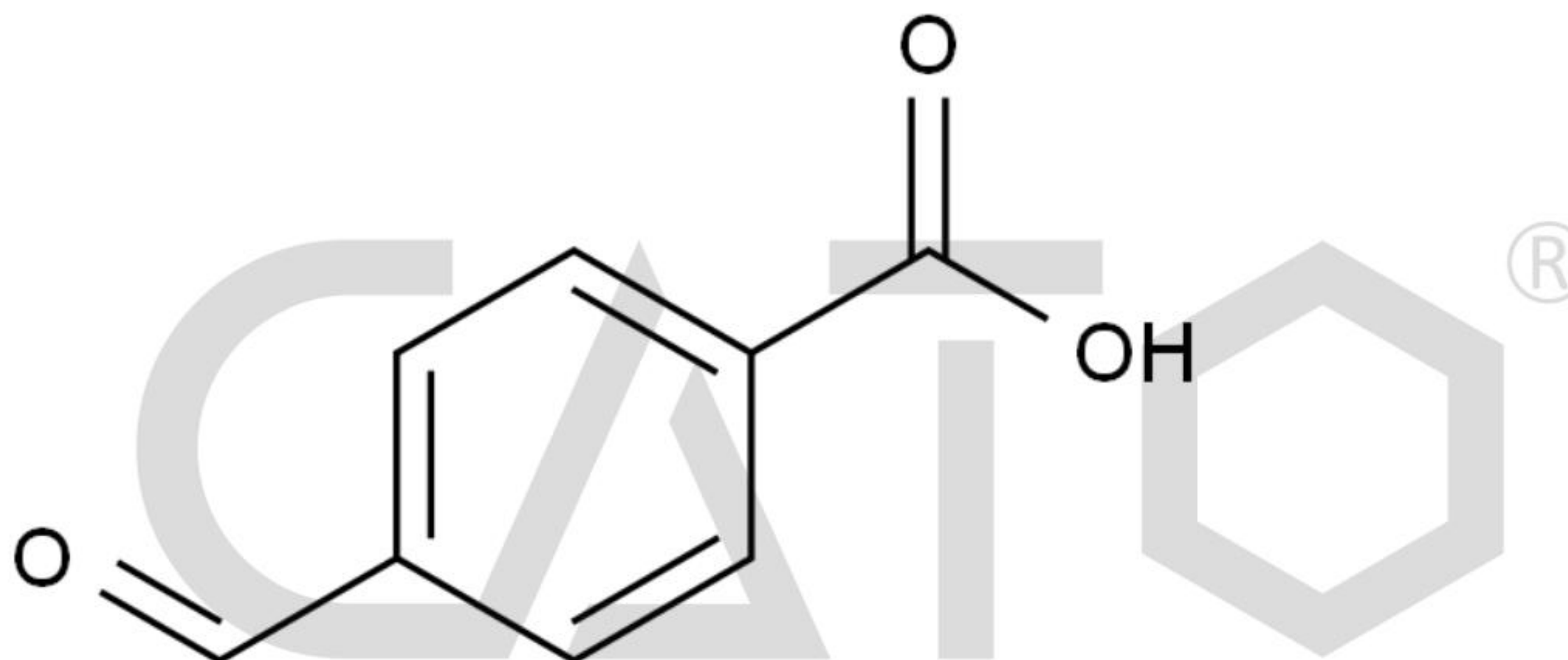
Reference Material & Standard

Product Name:	4-Formylbenzoic acid	Catalogue Number:	CCHM702757
Synonyms:	N/A	Lot Number:	0422-RG-0003
CAS Number:	619-66-9	Expiry Date:	Apr 20, 2029
Molecular Formula:	C ₈ H ₆ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	150.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.3%
Assay	qNMR	97.0%
Uncertainty		±0.6%

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:

Hinlam

Approved by General Manager:

David

Date: Apr 21, 2025

Date: Apr 22, 2025

Date: Apr 22, 2025



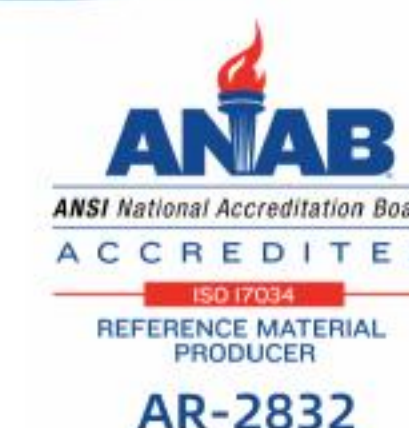
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