

Certificate of Analysis

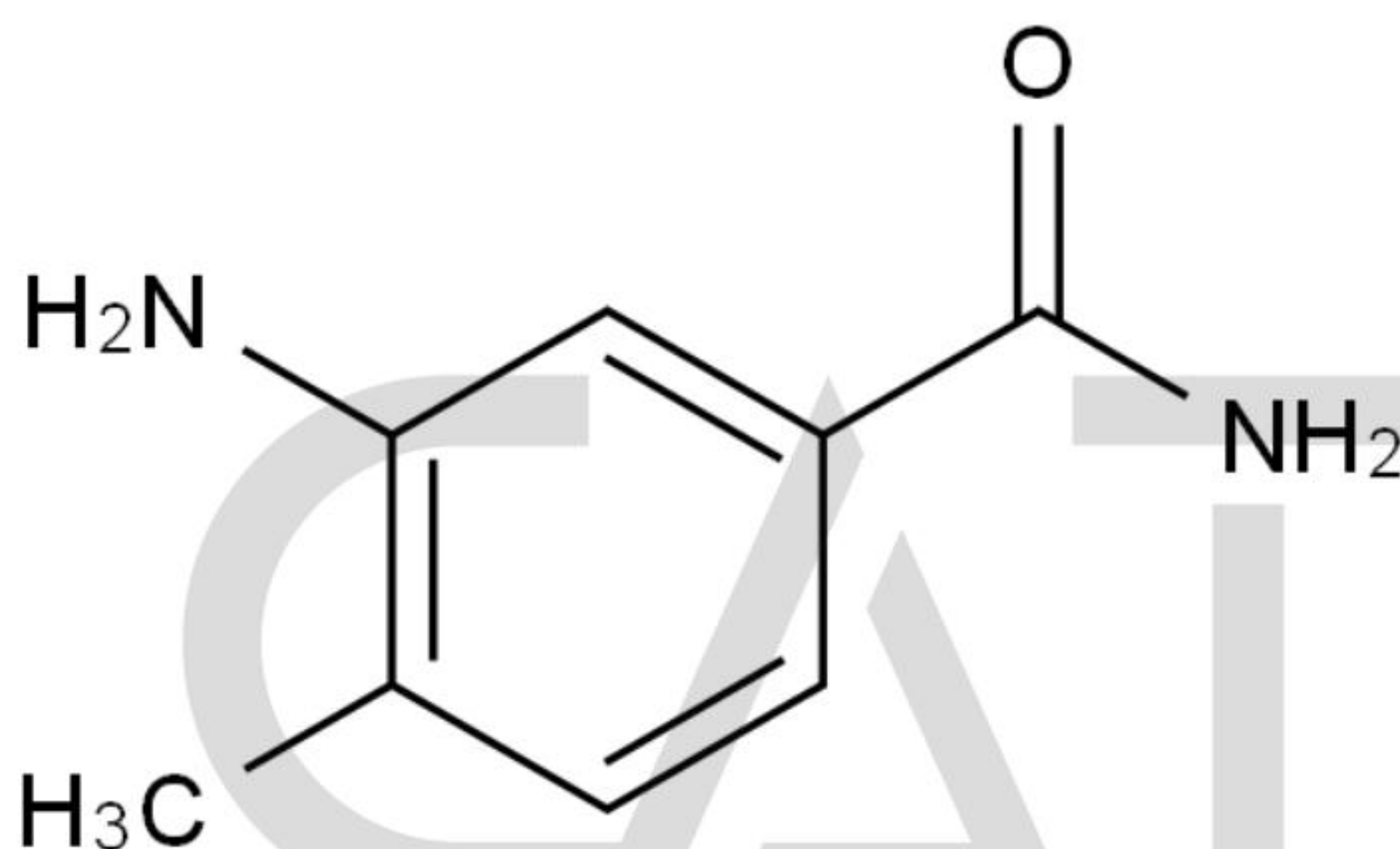
Reference Material & Standard

Product Name:	3-Amino-4-methylbenzamide	Catalogue Number:	CCHM703056
Synonyms:	N/A	Lot Number:	0806-RC-0001
CAS Number:	19406-86-1	Expiry Date:	Aug 09, 2025
Molecular Formula:	C ₈ H ₁₀ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	150.18	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7597%
Loss on Drying	TGA	0.0197%
Assay		98.7%
Uncertainty		±2.0%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

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: 邓颖东

Reviewed by:

Debia

Approved by General Manager:

David

Date: Aug 10, 2021

Date: Aug 12, 2021

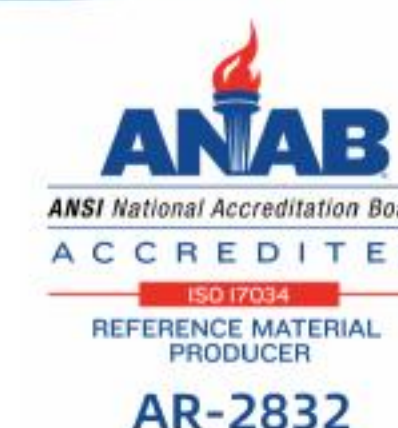
Date: Aug 12, 2021

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