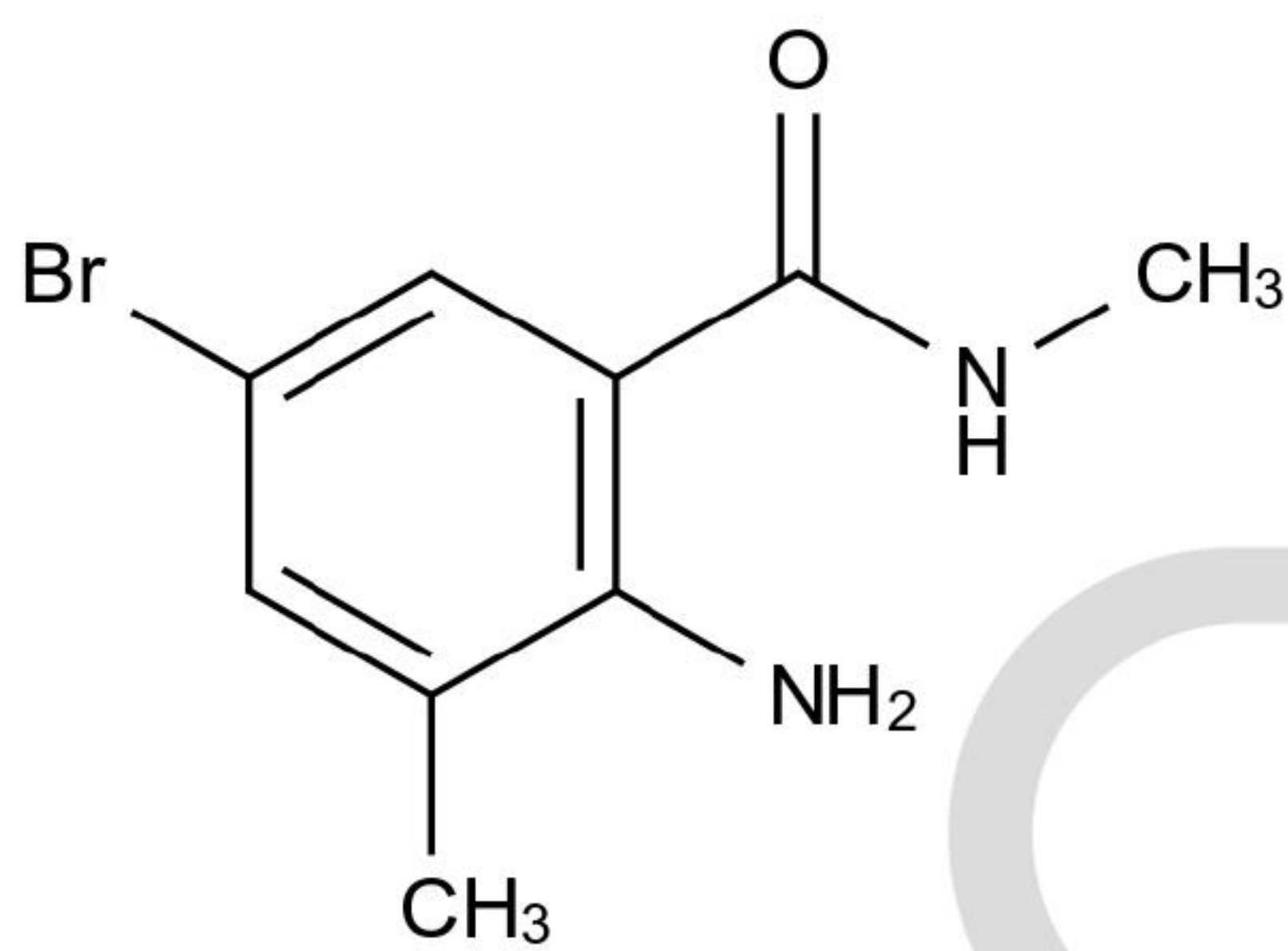


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Amino-5-bromo-N,3-dimethylbenzamide	Catalogue Number:	CCHM705450
Synonyms:	N/A	Lot Number:	0302-RE-0026
CAS Number:	890707-30-9	Expiry Date:	Mar 06, 2027
Molecular Formula:	C ₉ H ₁₁ BrN ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	243.10		
Chemical Structure:			



Warning:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.891%
Water Content	Karl Fischer	0.9916%
Assay		96.9%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$

Water Content 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: 吴晓琳

Reviewed by:

Xenia

Aproved by General Manager:

David

Date: Mar 07, 2023

Date: Mar 08, 2023

Date: Mar 08, 2023

