

Certificate of Analysis

Product Name:

**Acetanilide melting point PurCert Secondary Reference Standard (CRM)
[Includes characterization data for Identification test]**

Product No.: PSR50238
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 103-84-4
Molecular Formula: C₈H₉NO
Molecular Weight: 135.16 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Faint yellow flakes	Faint yellow flakes
Melting Range (PSR50238)	113.2 –117.1 °C	113.94 –115.60 °C
Melting Range (USP lot R180K0)	113.2 –117.1 °C	114.15 –115.32 °C
Melting Point (PSR50238)	113.2 –117.1 °C	115.59 °C
Melting Point (USP lot R180K0)	113.2 –117.1 °C	115.30 °C
Identification by IR	Conforms to Structure	Conforms
Identification by ¹ H-NMR	Conforms to Structure	Conforms

Traceable to Internal Reference standard 1003042 LOT NO R180K0

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Instructions for handling:

Gently pulverize and dry over sulfuric acid for 16 hours before use. The internal pressure of the container may be slightly different from the atmospheric pressure at the user's location. Open slowly and carefully to avoid dispersion of the material. Attachment of a 20 mm aluminium crimp seal recommended for unused portions.

Ucrm for melting point: For PSR50238: ± 0.25 °C, k = 2 and for USP lot R180K0: ± 0.20 °C, k = 2

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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