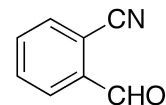


**1. Identification**Catalogue Number

TRC-C962270

Lot Number

15-ABY-106-1

StructureProduct Name

2-Cyanobenzaldehyde

Synonyms

2-Formylbenzonitrile; o-Cyanobenzaldehyde; Phthalaldehydonitrile;

CAS Number

7468-67-9

SolubilityDMSO (Slightly), Chloroform
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula C_8H_5NO Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

131.13

Purity

98%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Pale Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 72.80, %H: 3.77, %N: 10.68

HPLC Purity

Report Result

99.61% (215 nm)

MS

Conforms to Structure

Conforms

FT-IR

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

7/2/2021

Retest Date

6/30/2031