

## 1. Identification

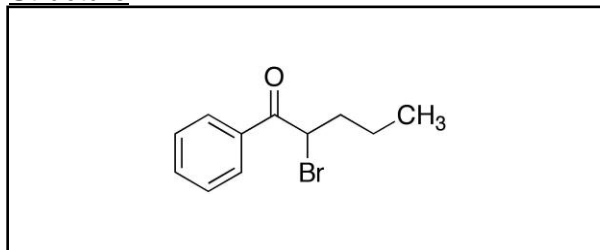
Catalogue Number

B689020

Lot Number

2-VAS-174-3

Structure



Product Name

a-Bromovalerophenone

Synonyms

2-Bromo-1-phenylpentan-1-one; 2-Bromovalerophenone

CAS Number

49851-31-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>11</sub>H<sub>13</sub>BrO

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

241.12

Purity

98%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 54.85, %H: 5.53

GC Purity

Report Result

98.31% ± 0.18 %

MS

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 ± 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. Signatures

Reviewed by

  
Jingning Zhou

Product Quality Specialist

Reviewed by

  
Toni Rantanen

Manager, Quality Assurance

C of A Approved by

  
Sadaf Samadi

Quality Assurance Associate

Test Date

7/4/2024

Retest Date

7/2/2028