

**1. Identification**Catalogue Number

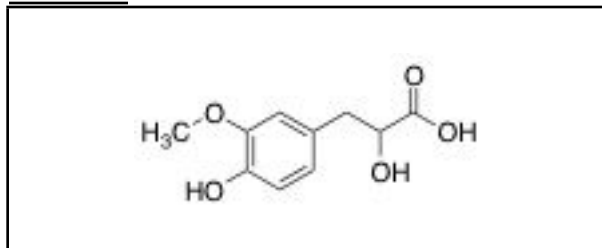
V097200

Lot Number

2-RPY-46-1

Product Name

Vanillactic Acid

Synonyms α ,4-Dihydroxy-3-methoxy-benzenepropanoic Acid;StructureCAS Number

2475-56-1

SolubilityMethanol (Slightly), THF (Slightly),
Water (Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_{10}H_{12}O_5$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

212.2

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

Brown to Dark Brown Thick Oil to Solid

Results

Brown to Dark Brown Sticky Solid to Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 57.49, %H: 5.91

HPLC Purity

>95%

96.60% (205 nm)

MS

Conforms to Structure

Conforms

Additional Information

Contains: ~1.0% Ethyl Acetate, ~2.6% THF

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

8/25/2022

Retest Date

8/23/2026