



CERTIFICATE OF ANALYSIS

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1. Identification

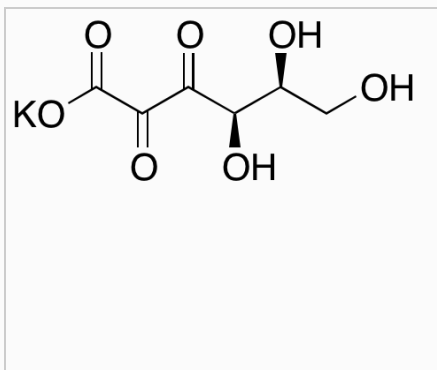
Catalogue Number: D467925

CAS Number: 2062656-92-0

Product: 2,3-Diketogulonic Acid Potassium Salt (Technical Grade)

Synonym: Potassium (4R,5S)-4,5,6-Trihydroxy-2,3-dioxohexanoate;

Structure:



Molecular Formula:

C₆H₇KO₇

Molecular weight:

230.21

Source of Product:

Synthetic

Solubility:

DMSO (Sparingly), Methanol (Slightly), Water (Sparingly)

Lot Number: 33-AZC-3-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped With Dry Ice

Storage Condition: -86°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

Yellow to Very Dark Orange Solid

Yellow to Orange Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Additional Information:

Contains: ~2.5% Ethanol

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

Reviewed By

C of A Approved By

Test Date

Retest Date

Evan Burns

Toni Rantanen

Chanell Chu

1/17/2022

1/15/2026