



## CERTIFICATE OF ANALYSIS

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### 1. Identification

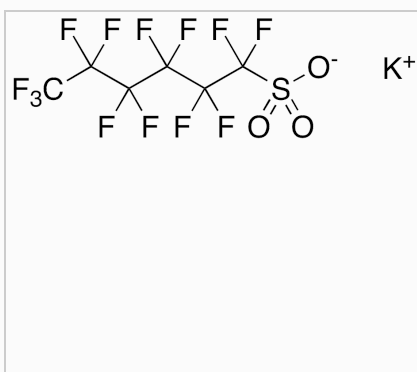
**Catalogue Number:** T774700

**CAS Number:** 3871-99-6

**Product:** Tridecafluorohexanesulfonic Acid Potassium Salt (Mixture of Isomers)

**Synonym:** 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic Acid Potassium Salt; Tridecafluoro-1-hexanesulfonic Acid Potassium Salt; Potassium (Perfluorohexyl)sulfonate; Potassium Perfluoro-1-hexanesulfonate; Potassium Perfluorohexanesulfonate; Potassium Tridecafluorohexane-1-sulfonate;

**Structure:**



**Molecular Formula:**

$C_6F_{13}KO_3S$

**Molecular weight:**

438.2

**Source of Product:**

N/A

**Solubility:**

Methanol (Slightly), Water (Slightly)

**Lot Number:** 3-BLL-177-1

**Purity:** 95%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	Report Result	96.60% (ELSD)
Elemental Analysis	Conforms	%C: 16.33
MS	Conforms to Structure	Conforms
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	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. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	3/8/2023	3/6/2027

