

Certificate of Analysis

Product	KPV	CAS No.	67727-97-3
Product No.	LJKP001	Batch No.	LJKP2026052001
Date of Mfg	2026/05/20	Retest Date	2028/05/19
Test Method	In-house	Quantity	8.12kg
Storage Conditions	Protected from light, sealed, store at $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$		

Test	Acceptance Criteria	Results
Appearance	White or off-white Powder	White Powder
Identification By MS	342.43 ± 1.0	Conforms
Purity	$\geq 98.0\%$	99.8%
Trifluoroacetic acid	$\leq 1000\text{ppm}$	Not detected
Related Substances	Unspecified Impurity: $\leq 0.3\%$	0.05%
	Total Impurities: $\leq 1.0\%$	0.15%
Water content	$\leq 7.0\%$	2.1%
Acetate ion	$\leq 15.0\%$	7.8%
Peptide Content	$\geq 80.0\%$	89.6%
Microbial Limit	Total aerobic bacteria $\leq 100\text{cfu/g}$	$< 100\text{cfu/g}$
	Mould & Yeast $\leq 100\text{cfu/g}$	$< 100\text{cfu/g}$
Bacterial Endotoxin	$\leq 10\text{EU/mg}$	$< 10\text{EU/mg}$
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	

Reporter/Date:

张洁

2026/5/25

Approver/Date:

刘辉

2026/5/25

Storage: In an air tight container, protected from light.

Temperature :Short Term: $2-8^{\circ}\text{C}$; Long Term: $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$

It is only supplied as chemical product.

It is only for R&D use.

