

Certificate of Analysis

Reference Material & Standard

Product Name:	Lysine Impurity 19	Catalogue Number:	C4X-221119
Synonyms:	H-Lys(Ac)-OH	Lot Number:	0413-RH-0223
CAS Number:	692-04-6	Expiry Date:	Apr 23, 2030
Molecular Formula:	C ₈ H ₁₆ N ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	188.22	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0559%
Assay		99.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 24, 2026

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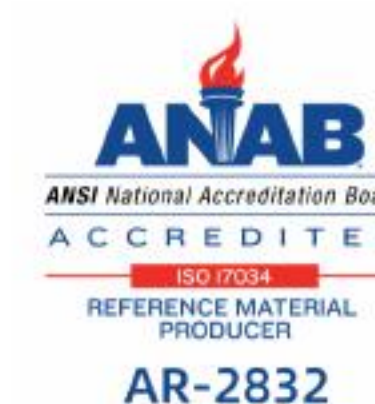
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