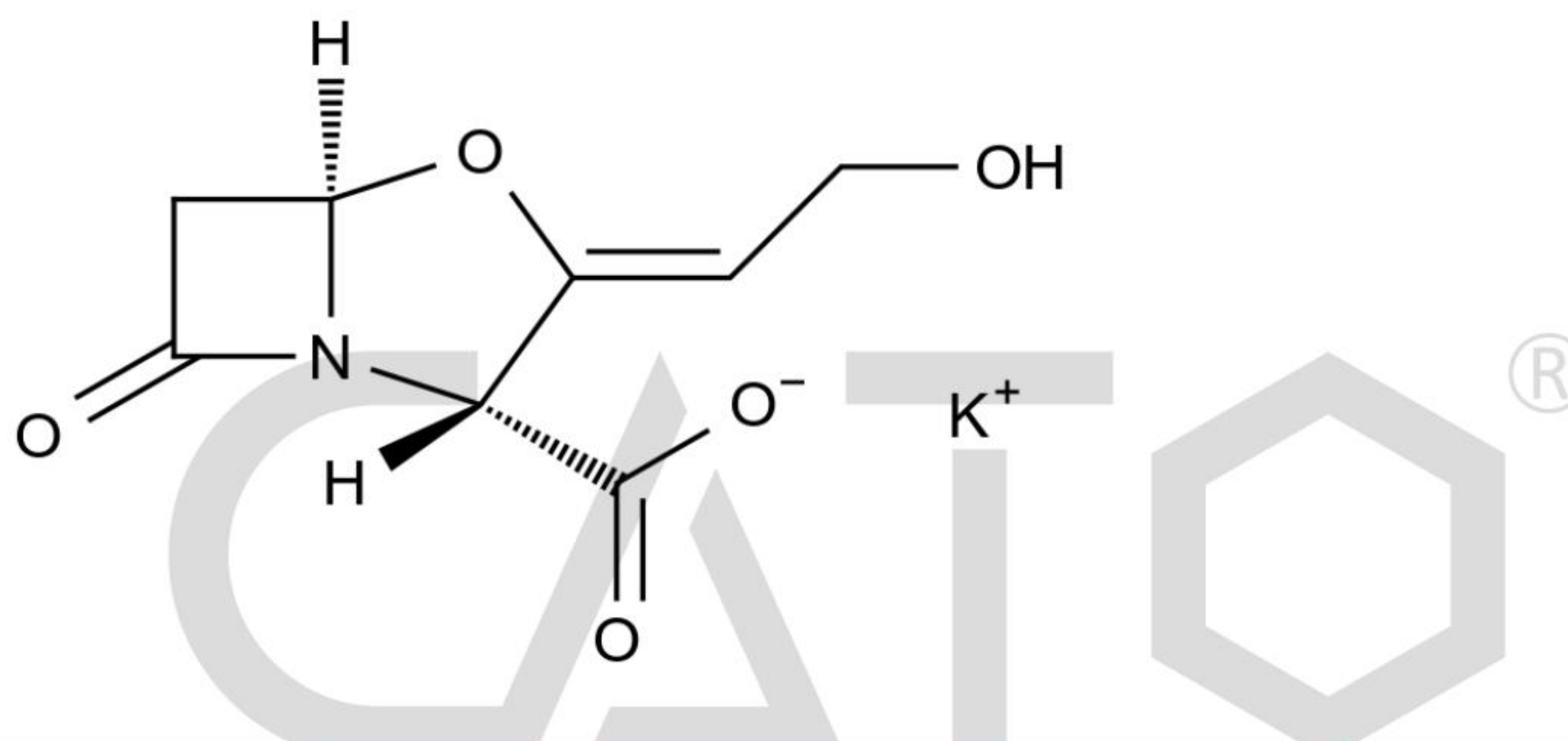


Certificate of Analysis

Intermediate Material

Product Name:	Potassium Clavulanate	Catalogue Number:	CIM-105134
Batch Size:	N/A	Lot Number:	1209-RG-0042
CAS Number:	61177-45-5	Production Date:	Dec 09, 2025
Molecular Formula:	C ₈ H ₈ NO ₅ K	Expiry Date:	Dec 16, 2027
Molecular Weight:	198.15 39.10	Storage:	2°C ~ 8°C Protected from light and Sealed
Solubility:	Water	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Acceptance Criteria	Results
Appearance	Visual inspection	Light Yellow Solid	Light Yellow Solid
Identification	LCMS&HNMR	Conforms to structure	Confirmed
Purity	HPLC	NLT 90.0%	100.000%
Loss On Drying	TGA		0.5281%
Assay		NLT 90.0%	99.5%

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: Dec 17, 2025

Date: Dec 17, 2025

Date: Dec 17, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

