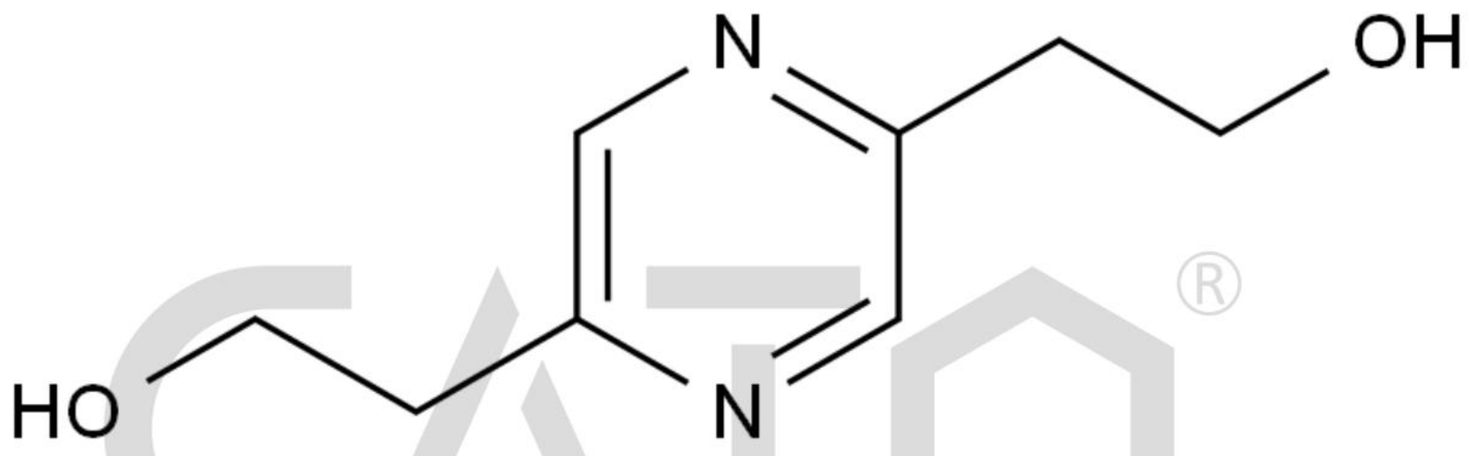
Certificate of Analysis

Reference Material & Standard

Product Name:	Clavulanate Potassium EP Impurity A	**Catalogue Number:**	C4X-11467
Synonyms:	N/A	**Lot Number:**	0605-RH-0126
CAS Number:	4744-51-8	**Expiry Date:**	Jun 30, 2030
Molecular Formula:	$C_8H_{12}N_2O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	168.19	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.920%
Loss on Drying	TGA	2.3111%
Assay		97.6%

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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: Koji Date: Aug 26, 2026

Reviewed by: Lisa Date: Aug 26, 2026

Approved by General Manager: David Date: Aug 26, 2026

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