

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	15141
Product	Tazobactam sodium salt
Lot Number	001204-141205435
CAS Number	89785-84-2
Molecular Formula	C ₁₀ H ₁₁ N ₄ O ₅ SNa
Molecular Weight	322
Appearance	White powder, free of visible foreign matter
Clarity & Color	Clarity, ≤ 1#
Solubility	Completely soluble in 0.1% aqueous solution (clear, colorless solution at RT using frequent agitation)
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	1.2%
pH	5.1
Infrared Spectrum	Sample spectrum exhibits maxima and minima only at the same wavelengths as those of the standard using KBr pellet technique
Inorganic Impurities	Not detected
Related Substances	Single impurity: 0.30%; Total impurity: 0.44%
Assay (anhydrous basis)	91.9%
Storage	Store at 2-8°C
Additional Information	Tested positive for sodium by dry or solution sample on platinum wire in non-luminous flame Identification by corresponding retention time of major peak in chromatogram with the standard

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager