

Certificate of Analysis

IPTG, NAO

High Purity Grade

Product No.:	JS0484
Batch No.:	JHK1216KJ7
CAS No.:	367-93-1
Formula:	C ₉ H ₁₈ O ₅ S
Molecular Weight:	238.30
Quality Release Date:	16/Dec/2025
Recommended Retest Date:	15/Dec/2028
Storage At:	2-8°C

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Purity (HPLC)	≥99.00%	99.53%
Solubility (Concentration)	49.00-55.00mg/ml	Conforms
Solubility (Color & Turbidity)	Colorless, clear	Colorless, clear
NMR(D ₂ O)	Conforms to structure	Conforms to structure
Residual Detection ofDioxane Ring	Not Contain	Conforms
SpecificRotation	-28.00°~-33.00°	29.6°

Clara Chen, Manager

Quality Control

Hongkong, China

JSENB(HK) warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. For further inquiries, please contact Technical Service or authorized agent according to the batch bar number of the out-of-box list of the product department. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.