

CERTIFICATE OF ANALYSIS

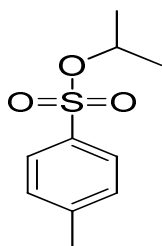
Reference Substance

Date

Isopropyl p-toluenesulfonate

Batch No.:

IUPAC Name: Isopropyl p-toluenesulfonate

Molecular Formula: C₁₀H₁₄O₃S

Molecular Weight: 214.28

Sr.#	Test	Results	Data ref.
1	Appearance	Colorless liquid	-----
2	Purity by HPLC	98.67%	Chromatogram attached
3	MASS	Conform	Report attached
4	NMR	Conform	Report attached

Storage condition: Store below -20°C degree temperature and protect from direct sunlight.**Shipment date:**

This certificate of analysis is valid for two years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*