



Quality Extractions Group, LLC

CERTIFICATE OF ANALYSIS

ISOPROPYL ALCOHOL 99%

Not for human consumption, pharmaceutical use, or cleaning product manufacturing.

Certification date: 07/01/2022

Batch or Bill of Lading:

07012022TECH

Quality Parameter	Result	Limit	Method
Isopropyl alcohol %	99.77%	Min 99.00%	GC
Acidity; $\mu\text{L/L}$	< 10	Max 30	USP
Refractive index	1.377	Min 1.377	ASTM D 1218
Water content, wt %	0.0155	Max 0.1	ASTM E 1064
Color of Solution	Pass	Colorless	USP
Clarity of Solution	Pass	Clear	USP
Specific Gravity at 20.0C;	0.7819	Max 0.787	USP