

CERTIFICATE OF ANALYSIS

Customer	HENRY HIRSCHEN & CIA SA		Product	Isopropyl Alcohol	
Lot NO.	2AI241017B	Quantity(KG)	12,800	Delivery Date	2024-10-21
Shipment NO.		21725812	Container NO.		MSDU2787180

TYPICAL VALUES

PROPERTY	TEST METHOD	UNIT	SPEC	RESULT
Purity	GAS CHRO	wt.%	Min 99.80	99.98
Color	ASTM D 1209	APHA	Max 5	1
Water	ASTM D 1364	wt.%	Max 0.0500	0.0082
SP.GR(20/20°C)	ASTM D 1298	-	0.785 ~ 0.787	0.786
Acidity	ASTM D 1613	wt.ppm	Max 10	2
KMNO4_TEST	ASTM D 1363	min	Min 30	40
R.E(Residue After Evaporation)	ASTM D 1353	wt.ppm	Max 15	2

*Manufacturing date : Oct, 17, 2024

*Expiry date : 1 year from the manufacturing date