

PRODUCT SPECIFICATION

Product Description	Alcogiene™ PAWA
Product Code	PAWA-5P, PAWA-25P, PAWA-200P
Active Ingredient	Isopropyl Alcohol
Molecular Formula	C ₃ H ₈ O
CAS Number	67-63-0

Test	Unit	Test Method	Specification
Purity Assay (GC):			
1) Isopropyl Alcohol Content	%	EAM T006	≥ 99.7
2) Methanol Content	%	EAM T006	0.01
3) Benzene Content	%	EAM T006	≤ 0.0002
Water by Karl Fisher	%	ASTM E1064	≤ 0.2
Non-volatile Matter	mg/kg	FCC	≤ 10
Solubility in water		ASTM D1722	Clear for 1 hour
Appearance		FCC	Clear
Acidity	mg/kg	FCC	≤ 10
Arsenic	mg/kg	FCC	≤ 3
Cadmium	mg/kg	FCC	≤ 1
Mercury	mg/kg	FCC	≤ 1
Lead	mg/kg	FCC	≤ 1
Permanganate Time		ASTM D1363	The pink colour does not entirely disappear
Refractive index @ 20°C		FCC	1.377 - 1.380
Distillation Range	°C	FCC	82.3 ± 1
Specific Gravity		FCC	0.783 - 0.788
Microfiltration with 0.2 micron Nylon Filter			Pass

The sample(s) is tested to FCC method unless stated.

Date 23/7/2020
Revision R1