



Northwest Scientific, Inc.

SPECIFICATION SHEET

ISOPROPYL ALCOHOL 99% ACS/HPLC GRADE

Product(s): 940N, 4121N

Revision: A

Packaging: 4 x 1 CASE, 20 liter HDPE

Required on C of A: ACS/HPLC GRADE

Product Specifications	Monograph	Limits	Typical Result
Assay by GC, corrected for water, min.	ACS	99.5%	99.89%
Color (ALPHA), max.	ACS	NMT 10	1
Appearance	ACS	Clear Liquid	Pass
Solubility in Water	ACS	Solution as clear as equal volume of water	Pass
Residue After Evaporation, max.	ACS	0.001%	0.000%
Tirable Acid or Base, max.	ACS	0.0001 meq/g	<0.0001 meq/g
Water, max.	ACS	0.2%	0.06%
Carbonyl Compounds 0.002% max Each of Propionaldehyde or Acetone	ACS	0.002%	0.000%
UV Absorbance @ 210 nm 220 nm 230 nm 245 nm 260 nm 275 nm 300 nm 330 nm – 400 nm	ACS	A.U. 1.0 max. 0.40 max. 0.20 max. 0.08 max. 0.04 max. 0.03 max. 0.02 max. 0.01 max.	A.U. 0.43 0.21 0.11 0.03 0.01 0.00 0.00 0.00

Approved by: Orlando Masi, Director of Quality