



Northwest Scientific, Inc.

SPECIFICATION SHEET

REAGENT ALCOHOL / 200 PROOF (ANHYDROUS) ACS/HPLC GRADE

Product(s): 2953N

Revision: A

Packaging: 4 x 1 CASE

Required on C of A: ACS/HPLC GRADE

Test	Specifications	Typical Lot Analysis
Assay (by GC) (v/v)	89.5 – 91.5% Ethanol 4.0 – 5.0% Methanol 4.5 – 5.5% IPA	90.65% Ethanol 4.53% Methanol 4.82% IPA
Assay: Methanol and Ethyl Alcohol (SDA 3A 200 proof) (v/v) Isopropyl Alcohol (2-Propanol) (v/v)	94.0% - 96.0%	95.18% 4.82%
Water, max.	≤0.2%	0.05%
Residue After Evaporation, max	≤10 ppm	<10 ppm
Appearance	Clear	Clear
Specific Gravity	0.7902 – 0.7912 @ 20C	0.7906
Color, Pt-Co	≤10 max	< 10
Odor	Pass	Pass
Titration Acid	≤0.0003 meq/g	<0.0003 meq/g
Titration Base	≤0.00021 meq/g	<0.0002 meq/g
Fluorescent Background	Pass	Pass
Substances Reducing KMnO ₄	Pass	Pass
Solubility in Water	Pass	Pass
Refractive Index @ 25C	1.3580 – 1.3510	Pass

Approved by: Orlando Masi, Director of Quality