



Northwest Scientific, Inc.

SPECIFICATION SHEET

METHANOL ACS/HPLC GRADE

Product(s): 1055N, 2885N

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	99.8%	99.99%
Tirable Acid, max	ACS	0.0003 meq/g	0.0000 meq/g
Tirable Base, max	ACS	0.0002 meq/g	0.0002 meq/g
Carbonyl Compounds, max	ACS	Acetone 0.001% Formaldehyde 0.001% Acetaldehyde 0.001%	Pass
Residue After Evaporation, max.	ACS	0.001%	0.001%
Color (APHA), max	ACS	10	< 10
Substances Darkened by H ₂ SO ₄	ACS	To Pass	Pass
Substances Reducing KMnO ₄	ACS	To Pass	Pass
Ultraviolet Absorption	ACS	205nm 1.0 max. 210nm 0.80 max. 220nm 0.40 max. 230nm 0.20 max. 240nm 0.10 max. 260nm 0.04 max. 280nm – 400nm 0.01 max.	0.92 0.52 0.25 0.13 0.06 0.02 0.00
Water, max	ACS	0.10%	0.01%
Solubility in Water	ACS	To Pass	Pass

Approved by: Orlando Masi, Director of Quality