

Certificate of Analysis

Name of Product	Protein Solubilizer 40 (Sterile, 10% Solution of NP-40)
Product Number	P-1505
Package Size	10 X 5 ml Ampoules
Lot No	<i>H1256N / 380294</i>
Description	Active Ingredient: Supplied as a highly purified, Sterile, 10% aqueous solution of NP-40
Chemical Name	Nonidet P-40, Nonylphenyl-polyethylene glycol
Chemical Formula	C ₃₂ H ₅₈ O ₁₀ (Avg.)
Molecular Weight	603 (Avg.)
CAS Number	9016-45-9

TEST	RESULTS	STANDARDS
Description	Clear colorless solution filled in 5 ml amber colored glass ampoules	Clear colorless solution filled in 5 ml amber colored glass ampoules
NP-40 Concentration	10.05%	10.0 ± 0.5%
Aldehyde Concentration	0.06 mM	≤ 0.1 mM
Peroxide Concentration	0.07 mM	≤ 0.1 mM
Conductivity	3.5 μMho	≤ 5 μMho
Sterility	Complies	To Comply USP Standards

Storage/ Handling	Store in a cool dry place. Protect from light.
References	B.Schraag et al., <i>Anal. Biochem.</i> 211 , 233 (1993) R.E. Stephens, <i>J. Cell. Biol.</i> 100 , 1082 (1985)
Trademark	Nonidet is a Reg. trademark of Shell Chemicals.