

CERTIFICATE OF ANALYSIS

Product Name : ASCO 24-3/70[®]

Date : Nov. 22, 2016

* Chemical Name SODIUM LAURYL ETHER SULFATES (SLES) 70%

* Formula R-(CH₂CH₂O)₃-SO₃Na

* Lot No. C16I29-442

* Quantity kg (For Sample)

Analytical Data

No.	Properties	Unit	Specification	Typical Data
1	Appearance	-	Clear, Pourable Gelled Liquid	Clear, Pourable Gelled Liquid
2	Active matter (Mws:431)	wt %	68.0 to 72.0	70.91
3	Unsulfated Organic matter (PEE)	wt %	1.5 max.	0.50
4	Inorganic Sulfates	wt %	1.5 max.	0.54
5	Color, Klett (5% AM soln.)	-	15 max.	4
6	pH (5% AM soln., 25°C)	-	7.0 to 9.0	7.84

We hereby certify that analytical data of ASCO 24-3/70[®] are as above. ASCO24-3/70[®] is an aqueous sodium salt solution of the sulfated oleochemically derived linear alcohol ethoxylate containing 3 ethylene oxide units.

B. C. AN


Quality Assurance Manager