



Joint Stock Company

JSC AMINOHIM

10-2, Egor Abakumov Str., Moscow, Russia, PO 129347
Phone/fax +7(499)182-4332, 182-2813, e-mail:aminohim@mail.ru

Product Data Sheet

ALQUAT T90

Chemical composition	Quarternized esters of triethanolamine and partially hydrogenated animal tall oil fatty acids
-----------------------------	---

Chemical name	Methyl di[(ethyltallowate)]-2-hydroxyethylammonium methosulfate Methyl (ethyltallowate) di[(2-hydroxyethyl)]ammonium methosulfate
----------------------	--

Conformance	TU (Technical Requirements) 2482-005-89535834-12
--------------------	---

Specification	Specification Limit	Method of Analysis
1. Visual appearance at 25 °C	yellowish paste	visual
at 45 °C	yellowish liquid	visual
2. Odor	isopropanol	organoleptically
3. Dry residue, (% v/v)	88 - 92	TU 5.1
4. Concentration of cationic surfactants, (meq/g)	0,98 - 1,05	TU 5.2
5. Concentration of isopropanol, (% v/v)	9 - 11	TU 5.3
6. Acid number, (mg KOH/g), no more than	15	TU 5.4
7. pH (20°C; 5 % aqueous solution)	2 - 3	TU 5.6
8. Gardner color value, no more than	3	TU 5.7

Fields of application	Cationic surfactant (analogues: Stepantex VT90, Rewoquat WE 18, Tetranyl L1/90, Dehyquart AU-46) is ideal for the production household fabric softeners and antistatics. The product easily self-emulsifies in water at temperatures above 40 °C and forms stable emulsions containing from 3 to 20% of active substance. Products based on Alquat T90 are efficient fabric softeners, possess good antistatic properties, and are easily biodegradable
Physical Properties	See Safety Data Sheet
Health and Safety	See Safety Data Sheet
Storage	Store in plastic containers out of direct sunlight at 5 - 45 °C
