

# Technical Specification

**PRODUCT : Ammonium formate RS - For LC/MS**

**CODE : 419740**

**MOLECULAR WEIGHT :63,06**

**CAS N° : 540-69-2**

**FORMULA : HCOONH4**

TEST	U.M.	SPECIFICATION
Assay	%	>= 98
Impurities	ppm	<= 50
Water content	%	<= 0.5
pH	-	5.5 - 7.6
Melting point	°C	119 - 121
Chloride	ppm	<= 5
Sulfate	ppm	<= 10
Al	ppm	<= 1
Ca	ppm	<= 5
Fe	ppm	<= 3
K	ppm	<= 5
Mg	ppm	<= 1
Na	ppm	<= 5
Grad. Elution H.Peak at 254 nm	AU	<= 0.005
Grad. Elution drift at 254 nm	AU	<= 0.010
T260nm (1M)	%	>= 97
T280nm (1M)	%	>= 98
Test LC-MS ESI (+) (0,1%,reserpine)	ppb	<= 50
LC-MS Gradient suitability	-	Conform
(tested as 0,1% soln. In methanol)	-	-

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in