

Certificate of Analysis

PRODUCT : Ammonium formate RS - For LC/MS

CODE : 419741

LOT N° : V3A023153E

MOLECULAR WEIGHT : 63,06

RE-TEST DATE : 05/2025

CAS N° : 540-69-2

FORMULA : HCOONH4

TEST	U.M.	SPECIFICATION	RESULT
Assay	%	>= 98	100.0
Impurities	ppm	<= 50	<50
Water content	%	<= 0.5	0.2
pH	-	5.5 - 7.6	6.6
Melting point	°C	119 - 121	120
Chloride	ppm	<= 5	<5
Sulfate	ppm	<= 10	<10
Al	ppm	<= 1	<1
Ca	ppm	<= 5	<5
Fe	ppm	<= 3	<3
K	ppm	<= 5	<5
Mg	ppm	<= 1	<1
Na	ppm	<= 5	<5
Grad. Elution H.P. Peak at 254 nm	AU	<= 0.005	<0.005
Grad. Elution drift at 254 nm	AU	<= 0.010	<0.010
T260nm (1M)	%	>= 97	97
T280nm (1M)	%	>= 98	98
Test LC-MS ESI (+) (0,1%, reserpine)	ppb	<= 50	<50
LC-MS Gradient suitability (tested as 0,1% soln. In methanol)	-	Conform	Conform
	-	-	-

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 inappropriate use.

Approve Date : 12/04/2023

Approved electronically, valid without a signature

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)