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**Certified ISO 9001:2015**

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## CERTIFICATE OF COMPLIANCE/ANALYSIS

Product : Ammonium formate ULC/MS - CC/SFC 100 GR



Article no : 0001984156BS

CAS 540-69-2

M.P. 115 - 120 °C

Lot#: 0010012822

EC NO 208-753-9

Grade: ULC/MS - CC/SFC

FW CH5NO2

MW 63.05

Test	Specification	Result
Assay (T dry)	99.0 - 100.5 %w/w	100.1 %w/w
pH (1M in water)	5.5 - 7.5	6.7
UHPLC/MS ESI/APCI+ (0.1% as Reserpine)	<= 30 ppb	< 20 ppb
Water (KF)	<= 2 %w/w	< 1 %w/w
Grad. elution H.Peak at 254nm	<= 0.002 AU	< 0.001 AU
Grad. elution drift at 254nm	<= 0.010 AU	< 0.001 AU
Fluorescence 254nm (0.1% as Quinine)	<= 0.5 ppb	< 0.1 ppb
Fluorescence 365nm (0.1% as Quinine)	<= 0.5 ppb	< 0.1 ppb
UV Trans. 260nm (1M)	>= 98 %	99 %
UV Trans. 280nm (1M)	>= 98 %	99 %
Filter test (1M in Water)	Complying	Complying
Solution (1M/Water) Clear & colorless	Complying	Complying
Chloride (Cl)	<= 0.001 %	< 0.001 %
Sulfate (SO4)	<= 0.005 %	< 0.005 %
Aluminum (Al)	<= 1 ppm	< 1 ppm
Calcium (Ca)	<= 5 ppm	< 5 ppm
Iron (Fe)	<= 1 ppm	< 1 ppm
Potassium (K)	<= 5 ppm	< 5 ppm
Magnesium (Mg)	<= 1 ppm	< 1 ppm
Sodium (Na)	<= 5 ppm	< 5 ppm

Filtered through 0.1um, before final crystallization.

Manufacturing Date : 07/2023

Expiration Date : 07/2026

#### TERMS OF SALE:

SELLERS ONLY OBLIGATION SHALL BE TO REPLACE SUCH QUANTITY OF THE PRODUCT PROVEN TO BE DEFECTIVE. SELLER SHALL NOT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE, MISUSE, OR THE INABILITY TO USE THE PRODUCT. USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE AND SHALL ASSUME ALL LIABILITY IN CONNECTION THEREWITH.

Store at room temperature in a shaded and ventilated place.

Our COA's are computer printouts and therefore valid without signature.

SDS is available on our website.

Y.Shalom Ph.D.  
QC Manager