

## 055 – AMMONIUM FORMATE EXTRA PURE

REF NO: TBL/QA/SS/LC/055	<b>STANDARD SPECIFICATION FOR AMMONIUM FORMATE EXTRA PURE</b>	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 055

### PRODUCT PROPERTIES

C.A.S Number	540-69-2
Chemical Formula	CH <sub>5</sub> NO <sub>2</sub>
Formula weight	63.06
Functional Uses	Phenolic benzyl protecting groups are quickly removed by ammonium formate and microencapsulated palladium(0) under microwave irradiation.
Standard Packaging	500gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Transparent crystal.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	5.5 – 7.5
Residue on ignition	NMT – 0.1%
Chloride (Cl)	NMT - 0.005%
Sulphate (SO <sub>4</sub> )	NMT - 0.05%
Assay	NLT - 97.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

