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## tri-Ammonium citrate, Hi-LR™

**GRM1204**


### Product Identifier

CAS No.	:	3458-72-8
EC No.	:	222-394-5
Molecular Formula	:	C <sub>6</sub> H <sub>17</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight	:	243.22
HS Code	:	2918 15 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White to off-white deliquescent crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	6.00 - 7.50
FTIR	:	Matches with the standard pattern
Melting range (dec.)	:	180 - 190°C
Chloride (Cl)	:	<= 0.001%
Iron (Fe)	:	<= 0.0005%
Sulphate (SO <sub>4</sub> )	:	<= 0.005%
Assay (NaOH-back Titration)	:	97.00 - 101.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P305+P351+P338
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	3