



## Certificate of Analysis.

### Sodium potassium carbonate (Fusion Mixture), AR.

Product Code:	<b>BS13811.</b>
Description:	<b>Sodium potassium carbonate (Fusion Mixture), AR.</b>
Chemical Name:	<b>Potassium carbonate - sodium carbonate mixture.</b>
Pack:	<b>500 gm.</b>
CAS NO.:	<b>10424-09-6.</b>
Mol. Weight:	<b>244.19 g/mol.</b>
Mol. Formula:	<b>K<sub>2</sub>CO<sub>3</sub>Na<sub>2</sub>CO<sub>3</sub>.</b>
MDL Number:	<b>MFCD00053407.</b>
Boiling Point:	<b>333.6°C.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Characteristics	Specification	Measured Values
Appearance:	White hygroscopic crystalline powder.	<b>Lot specific.</b>
Insoluble matter:	<0.01%.	<b>Lot specific.</b>
Loss on drying at 300°C:	<2.0%.	<b>Lot specific.</b>
Chloride (Cl):	<0.002%.	<b>Lot specific.</b>
Nitrate (NO <sub>3</sub> ):	<0.002%.	<b>Lot specific.</b>
Phosphate (PO <sub>4</sub> ):	<0.001%.	<b>Lot specific.</b>
Silicate (SiO <sub>2</sub> ):	<0.0025%.	<b>Lot specific.</b>
Sulphate (SO <sub>4</sub> ):	<0.003%.	<b>Lot specific.</b>
Arsenic (As):	<0.00004%.	<b>Lot specific.</b>
Calcium (Ca):	<0.005%.	<b>Lot specific.</b>
Copper (Cu):	<0.001%.	<b>Lot specific.</b>
Iron (Fe):	<0.0005%.	<b>Lot specific.</b>
Lead (Pb):	<0.001%.	<b>Lot specific.</b>
Magnesium (Mg):	<0.005%.	<b>Lot specific.</b>



Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



**Dr. K. Deepti.**  
**Technical Head.**

