



# CONSOLIDATED CHEMICAL CO.

ACN 005 056 502  
 52-62 Waterview Close, DANDENONG SOUTH, 3175  
 P.O. BOX 4415, DANDENONG SOUTH, 3164, VIC., AUSTRALIA  
 PHONE (03) 9799 7555 FAX (03) 9799 7666  
 E-mail: sales@conchem.com.au  
 Website: www.consolidatedchem.com

Order No. S81540

## CERTIFICATE OF ANALYSIS

### PRODUCT: SODIUM BICARBONATE MEDIUM GRANULAR EP/USP

BATCH NUMBER: 0000048965

Manufacturing date: 28/10/2020

Item		Unit	Limit
Identification			Gives reactions characteristic of sodium salts and of bicarbonates
Sodium Bicarbonate	NaHCO <sub>3</sub>	%	99.0 – 100.5
Loss on drying	Weight Loss	%	0.25 max
Ammonium	NH <sub>4</sub>	mg/kg	20 max
Arsenic	As	mg/kg	2 max
Calcium	Ca	mg/kg	100 max
Chloride	Cl	mg/kg	150 max
Mercury*	Hg	mg/kg	1 max
Lead	Pb	mg/kg	2 max
Iron	Fe	mg/kg	20 max
Sulphate/Limit of sulphur compounds	SO <sub>4</sub>	mg/kg	150 max
pH of a freshly prepared 5% Solution			8.6 max
Normal Carbonate			Passes test
Residual solvents (USP)			Meets the requirements
Insoluble Substances			1g dissolves completely in 20ml of water to give a clear solution

#### Particle Size

	<u>Microns</u>	<u>% by Weight</u>
Retained on	250	5.0 max
Passing	63	15.0 max

\*Limits expressed as non-cumulative values

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