



## Specification

Concerning Product:	
Article number	5892104ZT8
Trade name / designation / denomination	Wismuthsubcarbonat, technisch 80% Bismuth Subcarbonate, technical 80%
CAS number	5892-10-4
Other names / synonyms	•2,4-Dioxa-1,5-dibismapentane, 1,3,5-trioxo-; •Bismuth(III) carbonate basic; •Dibismuth carbonate dioxide; •[carbonylbis(oxy)]bis[oxo-Bismuthine]; •bismuth carbonate, basic; •carbonic acid bis(oxobismuthinyl) ester; •dibismuth carbonate dioxide;
EC number	227-567-9
Customs tariff number / CN code / TARIC	28369917
Molecular weight [g / mol]	509.96846
Formula	CBi <sub>2</sub> O <sub>5</sub>

Parameter	Specification	Unit
<b>Physical parameter</b>		
Acidity/Alkalinity	Absorption of Acid: ≥ 40	ml/g
Loss on drying	≤ 1,0	%
<b>Identity</b>		
Assay	80,0 – 82,5	%
<b>Impurities</b>		
Free Alkali (Ca(OH) <sub>2</sub> )	≤ 5,0	mg
Sulphates (SO <sub>4</sub> )	≤ 0,02	%
<b>Elemental Impurities</b>		
Silver (Ag)	Salts ≤ 0,0025	%
Arsenic (As)	Salts ≤ 0,0002	%
Chlorides (Cl)	≤ 0,14	%
Copper (Cu)	Salts ≤ 0,002	%
Lead (Pb)	Salts ≤ 0,0002	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 15. Jul. 2020

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