



## Specification

Concerning Product:	
Article number	32950
Trade name / designation / denomination	Neostigmin Bromid
CAS number	114-80-7
Other names / synonyms	•3-dimethylcarbamoyloxy-N,N,N-trimethylanilinium bromide; •NEOSTIGIMINE BROMIDE; •NEOSTIGMINE BROMIDE; •Neostigmine Bromide; •Neostigmine Bromide, USP; •Neostigmine bromide; •[3-[dimethylamino(oxo)methoxy]phenyl]-trimethylammonium bromide; •neostigmine bromide;
EC number	204-054-8
Customs tariff number / CN code / TARIC	29242998
Molecular weight [g / mol]	303.19546
Formula	C <sub>12</sub> H <sub>19</sub> BrN <sub>2</sub> O <sub>2</sub>
Danger	3249, 6.1 Toxic substances, II
Toxic if swallowed. Harmful to aquatic life with long lasting effects. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Specific treatment (see details on this label). Dispose of contents/container in accordance with local/regional/(inter)national regulations.	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	white powder	
Colour	colorless	
<b>Physical parameter</b>		
Loss on drying	≤ 0,5	%
<b>Identity</b>		
Assay	98,5 – 101,0	%
Infrared absorption spectrometry	complies	
Melting Point (identity)	171 – 176	°C
<b>Impurities</b>		
Residue on ignition	≤ 0,1	%
Sulphates (SO <sub>4</sub> )	complies	%
Impurity	≤ 0,2	%
Related substances	3-Dimethylaminophenol ≤ 0,01	%
Related substances	3-Dimethylcarbamoyl-oxy-N,N-dimethylaniline ≤ 0,10	%
Related substances	3-Hydroxyphenyltrimethylammoniumbromide ≤ 0,10	%
Related substances	Additional by-products ≤ 0,10	%
<b>Elemental Impurities</b>		
Bromine (Br)	complies	

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Jun. 2020

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