



Molekula Limited
Lingfield Way
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Specification

Technical Data Sheet

Product Name	Bismuth (III) oxide
Product No	49280974
CAS Number	1304-76-3
Storage Temperature	Ambient
Molecular Weight	465.96
	Specification
Assay/Purity	=>99.5%
Physical Appearance	Light yellow powder
AS	0.001% max
Chemical Formula	Bi ₂ O ₃
SI	=<0.005%
SO4	=<0.01%
Na	=<0.01%
K	=<0.001%
Fe	=<0.005%
Cu	=<0.005%
Pb	=<0.003%
Ca	=<0.003%
Cd	=<0.0005%
Loss on Ignition	=<0.3%
Storage Temperature	+20 ° C
Molecular Weight	466
Ni	0.0005% max
Residue on Ignition	0.3% max
Mg	0.0005% max
Al	0.001% max
Si	0.002% max
Cr	0.0005% max
Sb	0.0005% max
Ag	0.0005% max
Nitric acid soluble matter	0.05% max
Sn	0.0005% max
Cl	0.001% max
Bi2O3	99.9% min

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Li	0.0005% max