



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号日月科技园

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安徽艾约塔硅油有限公司

Iota Corporation Ltd.

Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

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### IOTA Precipitated silica series for food additives

The IOTA FINE-SIL520 series produces ultra-low treatment for heavy metals (Pb, Sb, etc.) and bacteria. Mainly used as food anti-caking agent, thickener, coagulant, flavor and fragrance and active ingredient carrier, quality improver, oil absorption agent, pharmaceutical excipients and clarification filter aid.

Index	Item
	FINE-SIL520/520B/520Y
SiO <sub>2</sub> (dried)% ≥	98
Loss on Drying ( 105°C ) % ≤	4-7
Loss on Ignition ( 950°C ) % ≤	5-6
Heave Metal(Pb) Content ≤ , mg/KG	0.003
Pb Content ≤ , mg/KG	0.00006
As Content ≤ , mg/KG	0.000001
Na <sub>2</sub> SO <sub>4</sub> Content % ≤	1.5

**IOTA FINE-SIL520** food additive silica has a large specific surface area, which enables it to act as a spacer between the particles of the powder material, and promotes the free flow of the powder material. Its hygroscopic property is extremely strong and enhanced. Anti-caking and adsorption. It can be used as an anti-caking agent in foods such as flavors, spices and instant noodle soups.

**IOTA FINE-SIL520B** is used in food additives such as non-caking, anti-sedimentation.

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000  
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**IOTA FINE-SIL520Y** has a very low metal content and is mainly used in foods such as flavors and spices.

**IOTA CORPORATION LTD.**

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