

Product Name: Orthosilicic Acid (Choline stabilised) 2% Silicon Oil		
Synonym: Orthosilicic Acid; Silicic acid (ortho); Silicic acid (si(OH)4); Orthosilicic acid silica powder		
CAS number: 62647-18-1	EC number: 233-477-0	
Molecular formula: H4O4Si	Molecular weight: 96.11486 g/mol	
Standard: Corporation In-house standard	Specification: R0_V0	
Batch number: 20211005	Manufacturing date: 05-10-2021	
Expiry date: 04-10-2023	Principle ref.: TBA	
Analysis	Specification	Result
Appearance	Light or primrose yellow oil	Conforms
Assay (Silicon)	1.8% to 2.3%	2.3%
Choline chloride	45% to 47%	45.6%
Glycerine (Vegetable)	31% to 33%	32.5%
Distilled water	16% to 18%	17.5%
Sulphate (SO ₄)	NMT 0.02%	0.01%
Heavy Metals (Pb)	NMT 10 ppm	Conforms
Arsenic (As)	NMT 1 ppm	Conforms

Conclusion: This product conforms to the specification and standard specified above.

Storage conditions: Store at room temperature, away from heat, light and moisture.

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