

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Synthetic mica**  
Specifications & Purity: 40 mesh  
SKU #: **S302553**

Parameter	Limit Values
Appearance(S302553)	White powder
Whiteness(L)	≥85
Loose density	0.28-0.4 (g/cm <sup>3</sup> )
Moisture content	0-1 (%)
Particle Size(-40 Mesh)	98-100 (%)
Particle Size(-100 mesh)	≤20 (%)
silica(SiO <sub>2</sub> )	38-43 (%)
Al <sub>2</sub> O <sub>3</sub>	10-14 (%)
Hardness(Mohs)	2.4-2.6 (%)
K <sub>2</sub> O	9-12 (%)
Na <sub>2</sub> O	0-0.2 (%)
MgO	24-32 (%)
CaO	<0.5 (%)
TiO <sub>2</sub>	<0.5 (%)
Fe <sub>2</sub> O <sub>3</sub>	<1 (%)
Refractive index n <sub>20</sub> /D	1.57-1.59
Loss on Ignition(1000°C)	< 1 (%)