

## CERTIFICATE OF ANALYSIS

### Sodium Silicofluoride

It is certificate that the quality of the mentioned product is assayed getting the result as follows:

**Product Description:** White free flowing power **Batch No.:** Batch No.: 2018052701

**Formular:**  $\text{Na}_2\text{SiF}_6$  **Purity:** 99% **Standard:** GB23936-2009

**Un No.:** 2674 **Cas No.:** 16893-85-9 **Hs No.:** 2826901000

**Production Date:** May 27<sup>th</sup>, 2018 **Expiry Date:** May. 26<sup>th</sup> 2019

**Packing:** In Plastics Bag then to woven Bags. N.W.: 25 kgs for each bag.

**Main Usage:**As opacifying agent for vitreous enamels and opalescent glass. As coagulant for latex. In zirconia pigments. In the manufacture of frits and ceramic enamels.As a preservative agent of wood. As a flux in melting of light metals. As an acidifying agent in the textile industry. In the pharmaceutical industry.

Items	Standard Index	Results of Analysis%
Sodium Silicofluoride	99.00%MIN	99.14%
Loss of weight on drying at 105°C	0.30%MAX	0.12%
Free acid(as HCl)	0.10%MAX	0.046%
Chlorides(as Cl <sup>-</sup> )	0.10%MAX	0.041%
Sulphate(SO <sub>4</sub> <sup>2-</sup> )	0.25%MAX	0.12%
Iron(Fe)	0.02%MAX	0.001%
Water-insoluble matter	0.5% MAX	0.38%
Heavy metal(as Pb)	0.01%MAX	0.001%

#### Particale Size Distribution

Passing through 420 micron (40 mesh) sieve	98% MIN	99.2%
Passing through 250 micron (60 mesh) sieve	90% MIN	98.5%
Passing through 150 micron (100 mesh) sieve		91.1%
Passing through 74 micron (200 mesh) sieve		31.6%
Passing through 44 micron (325 mesh) sieve	25% MAX	17.6%

*For and on behalf of*

ZIDE GROUP (HONG KONG) LIMITED  
子得集團(香港)有限公司



Authorized Signature(s)