

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Titanium Dioxide (Anatase)
2. Alternative Names	Titanium (IV) Oxide, Anatase
3. CAS Number	13463-67-7
4. Formula	TiO ₂
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG Date
7. Date of Analysis	July-2025

Parameter	Specification	Result	Unit / Remarks
Content of TiO ₂	≥ 98	98.6	% (m/m)
Color (compared with standard product)	Not lower than standard	Not lower than standard	Visual
Tint-reducing Power (compared with standard product)	≥ 100	107	%
Volatiles at 105°C	≤ 0.5	0.45	% (m/m)
Water Soluble Matter	≤ 0.6	0.45	% (m/m)
pH of Water Suspension	6.5 – 8.0	7	—
Oil Absorption	≤ 26	23.2	g/100 g
Residue on 45 µm Sieve	≤ 0.10	0.05	% (m/m)
Whiteness	≥ 97.5	97.5	—