

CERTIFICATE OF ANALYSIS

Product Name	DMSO (Dimethyl sulfoxide)		
CAS no	67-68-5		
Batch Number	20241229	Manufacture Date	20241229
Report Date	20241229	Expiry Date	20261228

Item of Analysis	Specification	Results
DMSO CONTENT %	≥ 99.5	99.90
Organoleptic		
Appearance	Liquid	Conform
Color	Colorless liquid or colorless crystals, hygroscopic, miscible with water and with alcohol.	Conform
Odor	Characteristic	Conform
Physical Characteristics		
Relative density	1.100-1.104	1.104
Relative index	1.478-1.479	1.4786
Related substances%	≤ 0.1	0.05
CRYSTALIZING POINT	≤ 18.3° C	18.3
ACID VALUE (KOH)/g	≤ 0.01	0.01
REFRACTIVE INDEX (20° C)	1.4775~1.4790	1.4780
Heavy metals		
Total Heavy Metals	20ppm Max	Conform
Lead (Pb)	3ppm NMT	Conform
Arsenic (As)	2ppm NMT	Conform
Cadmium (Cd)	1ppm NMT	Conform
Mercury (Hg)	0.1ppm NMT	Conform
Microbiological Tests		
Total Bacteria Count	1000cfu/g Max	Conform
Yeast & Mold	100cfu/g Max	Conform
E. Coli.	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

