

StellarTan[®] F

Premium Tannin

TECHNICAL DATA SHEET

PRODUCT Nº: **GSE300**

PRODUCT NAME: **StellarTan[®] F**

SUGGESTED USE: Fermentation tannin for red or rosé wine.
Add up to 150 ppm tannin

CHARACTERISTICS

SOLUBILITY:	Soluble in water (FCC)	PLANT SOURCE:	Grapes (<i>Vitis vinifera</i>)
MFG PROCESS:	Spray-dried concentrated extract	PLANT PART USED:	Grape seed
PROCESS SOLVENT:	Water	DESCRIPTION:	Fermentation tannins
ASSURED:	NOT irradiated or ETO-treated	MADE IN USA:	From California-grown grapes
SHELF-LIFE:	4 years, in original sealed container	FLAVOR:	Bitter & astringent
		APPEARANCE:	Fine, brown powder

CHEMICAL & PHYSICAL SPECS

LIMITS

METHOD

Total Phenolics (wt/wt, as-is basis) GAE	NLT	40 %	Folin & Ciocalteu
Arsenic (As)	LT	2.0 ppm	AOAC 993.14 (ICP-MS)
Lead (Pb)	LT	1.5 ppm	AOAC 993.14 (ICP-MS)
Cadmium (Cd)	LT	0.3 ppm	AOAC 993.14 (ICP-MS)
Mercury (Hg)	LT	0.1	AOAC 993.14 (ICP-MS)
Pesticide Residues		within limits	GC-MS (EPA limits)
Moisture	NMT	8.0 %	Loss on Drying

MICROBIOLOGICAL SPECS

LIMITS

METHOD

Total Aerobic Plate Count	LT	1,000 cfu/g	AOAC 966.23
Yeast & Mold	LT	100 cfu/g	BAM, Ed.8 - Rev A, 2001
Salmonella		Negative (per 25 g)	AOAC 2004.03
Coliforms (includes <i>e. coli</i>)		Negative (LT 3 MPN)	AOAC 966.24

INGREDIENT LISTING: Grape seed extract. No additives.

SUGGESTED STORAGE: Tightly closed, opaque container; ambient temp. (~70° F, ~21°C); avoid moisture.

Mfr: **Polyphenolics[®]**



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Effective: 16-Jan-18

Provisional Specifications; Subject to Change

TDS-STF-GSE300-REV 01

SALES & SERVICE:



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