

Product Specification

Product code:	1464
Product name:	Natural Diethyl Tartrate
Chemical name or synonyms:	Tartaric acid diethyl ester
Empirical formula:	C ₈ H ₁₄ O ₆
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Wine, fruity, caramellic
Melting point (for solids only):	N/a
Boiling point:	N/a
Flash point:	93°C
Specific gravity @ 20°/20°C:	1.204 - 1.210
Refractive index @ 20°C:	1.443 - 1.448
Optical Rotation:	6.0 – 11.0°
Assay (by GLC):	99% min.
%ee (By Chiral GC):	94% (%R: 97% min. and %S: 3% max.)
Solubility:	Soluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C; 24 months.
FEMA No.:	2378
CFR No.:	172.510
EINECS No.:	201-783-3
CAS No.:	87-91-2
CoE No.:	440
HS code:	2918.13.5000
FLAVIS No.:	9.446

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